

# SERIES E 1000

ELECTRONIC COMPUTING/  
ACCOUNTING MACHINES

INCLUDES

ALL E 1000 AND E 3000

# Burroughs

FIELD ENGINEERING

# PARTS CATALOG



PROPERTY OF AND TO BE RETURNED TO

## Burroughs

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CARRIAGE

---

SENSING UNIT

---

KEYBOARD

---

PRINTING

---

ACCUMULATION

---

SIDE FRAMES

---

POWER

---

BASE AND CASE

---

ADJUNCT

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**✓ CHANGES OR ADDITIONS**

On "Revised" pages, the check mark (✓) shown to the left of items or subject titles indicates changes or additions since last issue.

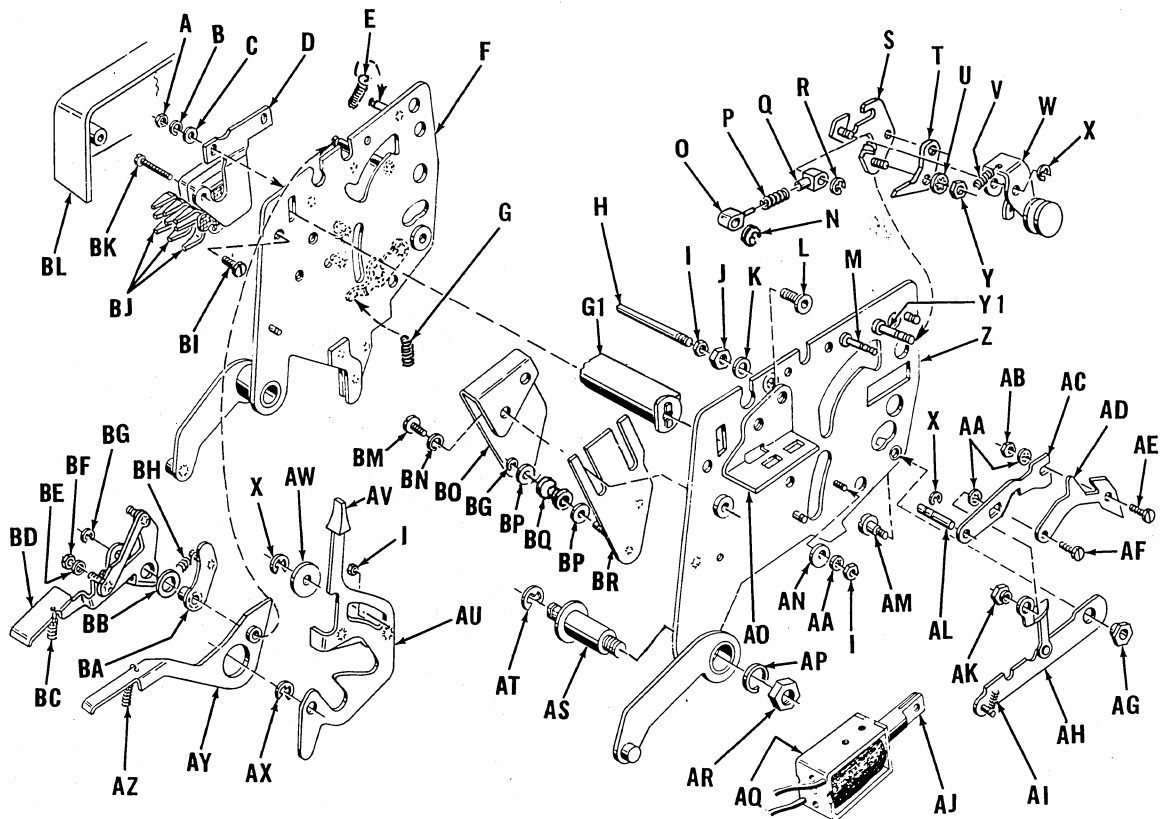
Refer to Basic Parts Catalog Form 1034477 for parts not identified.

INDEX

<u>CARRIAGE - SECTION I</u>	<u>Plate No.</u>	<u>ACCUMULATION - SECTION V</u>	<u>Plate No.</u>
Auxiliary Side Frames - S.L.A.F.A.C. ....	I-1	Complete Crossfooter, Register, Upper Frame and Pinion Assemblies .....	V-1
Cage Assembly - S.L.A.F.A.C. ....	I-2	E Core Pulse Generator .....	V-8
Carriage Drive Unit - Escapement Unit - Ball Printer .....	I-22	Fixed Factor Selection Switch .....	V-2
Carriage Drive Unit - Escapement Unit - Not Ball Printer .....	I-21	Pulse Generator Unit .....	V-5
Carriage Drive Unit, Right Side .....	I-19	Rack Bar Chart .....	V-3
Carriage Drive Unit, Side Insertion .....	I-17	Read-In Unit .....	V-4
Carriage Drive Unit, Top Plate .....	I-20	Read Out Controls .....	V-7
Carriage Position Indicator .....	I-11	Read Out Unit .....	V-6
Complete Rear Form Chute Assembly, Non-Stripe Ledger .....	I-3		
Control Unit .....	I-10	<u>SIDE FRAMES - SECTION VI</u>	
Directional Control Keys .....	I-12	Check Status Solenoid Assembly .....	VI-6
Differential Clutches .....	I-8A	Electronic Crossfooter Symbol Assembly .....	VI-5
Form Guide Assemblies - S.L.A.F.A.C. ....	I-3	Motor Bar No. 2 Solenoid Assembly .....	VI-3
Gearbox and Escapement Units .....	I-18	Motor Control Cam Switch .....	VI-4
Inner Carriage and Pressure Rolls - S.L.A.F.A.C. ..	I-6	Motor Bar Switches, Actuating Bails and Carriage Control Disabling Switch .....	VI-1
Left End Plate Assembly - S.L.A.F.A.C. ....	I-5	Read-In Switch Actuator .....	VI-8
Program Unit Assembly .....	I-14	Red Ribbon Solenoid Assembly .....	VI-2
Program Unit Components Parts .....	I-15	9 Register Selection Mechanism .....	VI-11
Program Unit Latch Plate Assembly .....	I-16	Register Timing Slide Mechanism .....	VI-9
Power Plate Assembly - S.L.A.F.A.C. ....	I-8	Sign Solenoid Mechanism .....	VI-7
Rear Cover and Latch Assembly - S.L.A.F.A.C. ....	I-7	Timing Cams and Switch Assembly .....	VI-10
Rear Form Chute Assembly - S.L.A.F.A.C. ....	I-9		
Right End Plate Assembly - S.L.A.F.A.C. ....	I-4	<u>POWER - SECTION VII</u>	
		Complete Main Camshaft Assembly .....	VII-2
<u>SENSING UNIT - SECTION II</u>		Complete Main Camshaft and Drive Gear Assembly .....	VII-3
Auxiliary Sensing Lane Unit .....	II-3	Drive Arms and Rack Bar Actuating Shaft .....	VII-4
Auxiliary Sensing Lane Unit, E 1400 .....	II-4	Electrical Components .....	VII-6
Electrical Non-Sensing Lanes .....	II-8	Magnetic Clutch .....	VII-7
Electrical Sensing Lane Unit, 38 Lane Style .....	II-5	Motor and Mounting Plate .....	VII-1
Electrical Sensing Lane Unit, 66 Lane Style .....	II-6	Switches .....	VII-5
Non-Sensing Switch Assembly .....	II-7	Typewriter Camshaft .....	VII-8
Sensing Camshaft .....	II-2		
Sensing Unit .....	II-1	<u>BASE AND CASE - SECTION VIII</u>	
		Base and Case - E1000 .....	VIII-1
<u>KEYBOARD - SECTION III</u>		Case Details, 66 Lane Style .....	VIII-2
C and M Keys .....	III-4	Reed Relay Board - E1100, E1200 .....	VIII-3
Decimal Indicator .....	III-5	Reed Relay Board - E1400, E3000 .....	VIII-4
Fixed Factor, Group Select Keys, Design No. 1 .....	III-2	Connector Plate, P & J .....	VIII-5
Fixed Factor, Group Select Keys, Design No. 2 .....	III-3		
Index Racks, Spacers and Selector Lock Assembly .....	III-6	<u>ADJUNCT - SECTION IX</u>	
Index Strip and Guide Combs .....	III-7	Desk Section - A 700 .....	IX-1
Keyboard Construction .....	III-1	Power Supply Assembly .....	IX-3
Repeat of Specified Columns .....	III-8	Power Supply Components .....	IX-4
		Printed Circuit Cards - A710, A720, A760 .....	IX-2
<u>PRINTING - SECTION IV</u>			
Complete Assembled Printing Section .....	IV-3		
Complete Cluster Gear Units and Components .....	IV-1		
Cluster Gear Assemblies .....	IV-2		
Printing Control .....	IV-4		

Carriage

S.L.A.F.A.C. - AUXILIARY SIDE FRAMES (PLATE I-1)



PART NUMBERS (PLATE I-1)

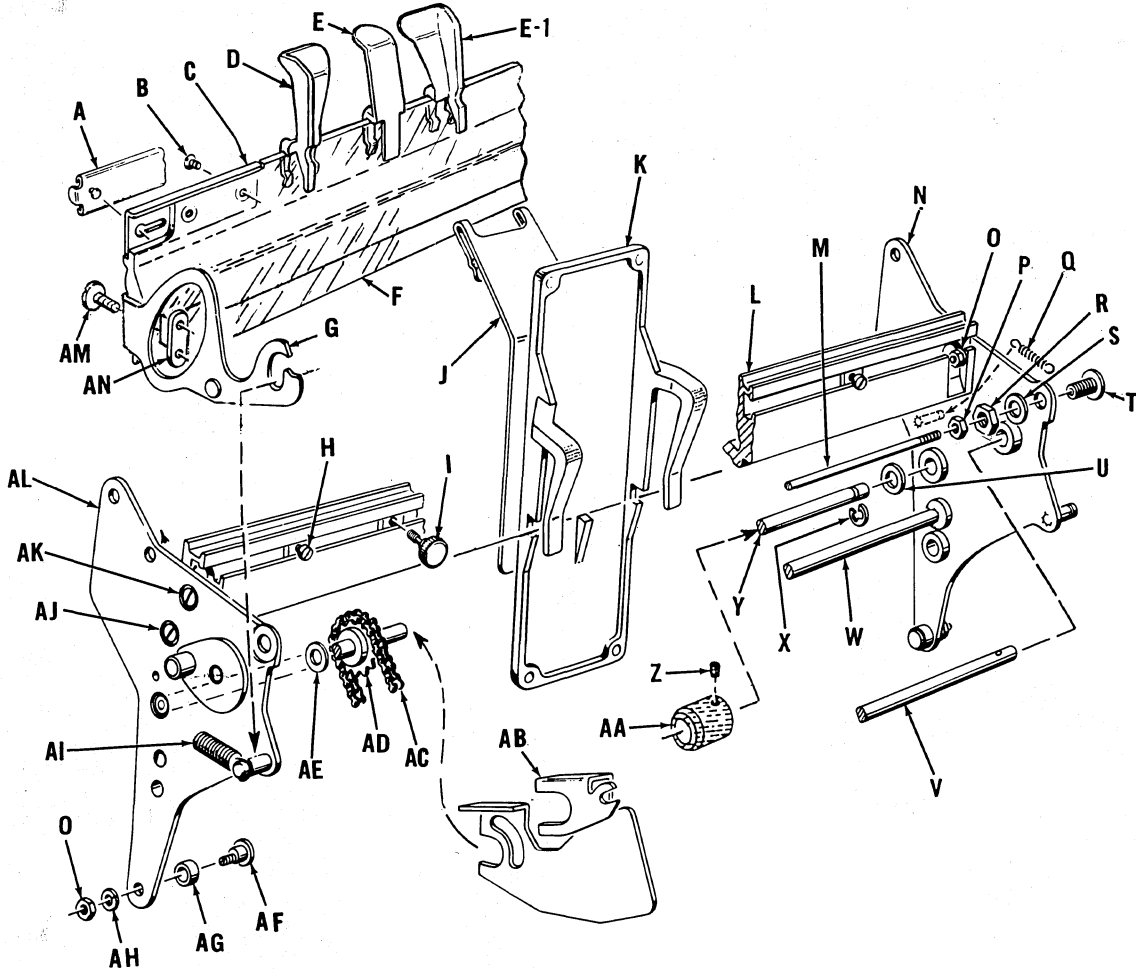
A	1256 5743	nut	AA	1256 7715	lockwasher	AZ	1044 2622	spring
B	1256 7442	lockwasher	AB	1010 0394	nut	BA	* 1526 1621	detent
C	1256 8002	washer	AC	1506 0049	link	BB	1502 1330	spacer
D	1505 9769	bracket	AD	1505 9686	link	BC	1013 3387	spring
E	1316 6558	spring	AE	1025 9554	screw	BD	* 1505 9918	switch actuator
F	1505 6807	right sideframe	AF	1010 9601	screw	BE	1010 8579	washer
G	1026 9439	spring	AG	1505 9652	shoulder nut	BF	1010 0386	nut
G-1	1505 8811	tube tear off assembly	AH	1505 9678	latch	BG	1255 3129	clip
H	1506 2904	shaft	AI	1027 1989	spring	BH	1013 3130	spring
I	1010 0378	nut	AJ	1506 2730	solenoid plunger	BI	1255 4549	screw
J	1256 5289	nut	AK	1017 2559	shoulder nut	BJ	1523 5526	switch
K	1320 8350	washer	AL	1506 2664	pin	BK	1256 0207	screw
L	1506 2920	flanged nut	AM	1505 9710	shoulder screw	BL	1505 7607	cover, right, beige 125
M	1526 1548	repair stud	AN	1344 4625	eccentric bushing		1533 0251	cover, right, gray 228
N	1255 3103	clip	AO	1506 2672	bracket, use 1304		1525 9161	cover, left, beige 125
O	1526 1530	nylon anchor			1017 screw, 1256		1533 0285	cover, left, gray 228
P	1026 3416	compression spring			7434 lockwasher and			
Q	1526 1522	nylon anchor			1256 5230 nut			
R	1255 3384	clip	AP	1256 7491	lockwasher	BM	1256 1098	screw
S	* 1526 1498	latch	AQ	1340 7341	solenoid	BN	1256 7467	lockwasher
T	1526 1506	pawl	AR	1257 3978	nut	BO	1505 8233	for right side } chain
U	1256 7707	lockwasher	AS	1505 7078	shoulder post		1505 8241	for left side } guard
V	1027 6798	spring	AT	1255 3178	clip	BP	1337 9169	spacer
W	* 1526 1589	bail	AU	* 1526 1464	lever	BQ	1525 9153	idler
X	1255 3145	clip	AV	1331 4026	keytop, beige 125	BR	1506 2722	for right side } adjustable
Y	1308 1005	nut			1533 0244		1506 3092	for left side } plate
Y1	1505 9629	stud, for service replacement	AW	* 1526 1472	washer			side
Z	* 1526 1555	left sideframe	AX	1255 3152	clip			
			AY	* 1526 1571	switch actuator			

\* Prior to feed roll latch construction use I, M thru Y and AU thru BH.



Carriage

S.L.A.F.A.C. - CAGE ASSEMBLY (PLATE I-2)

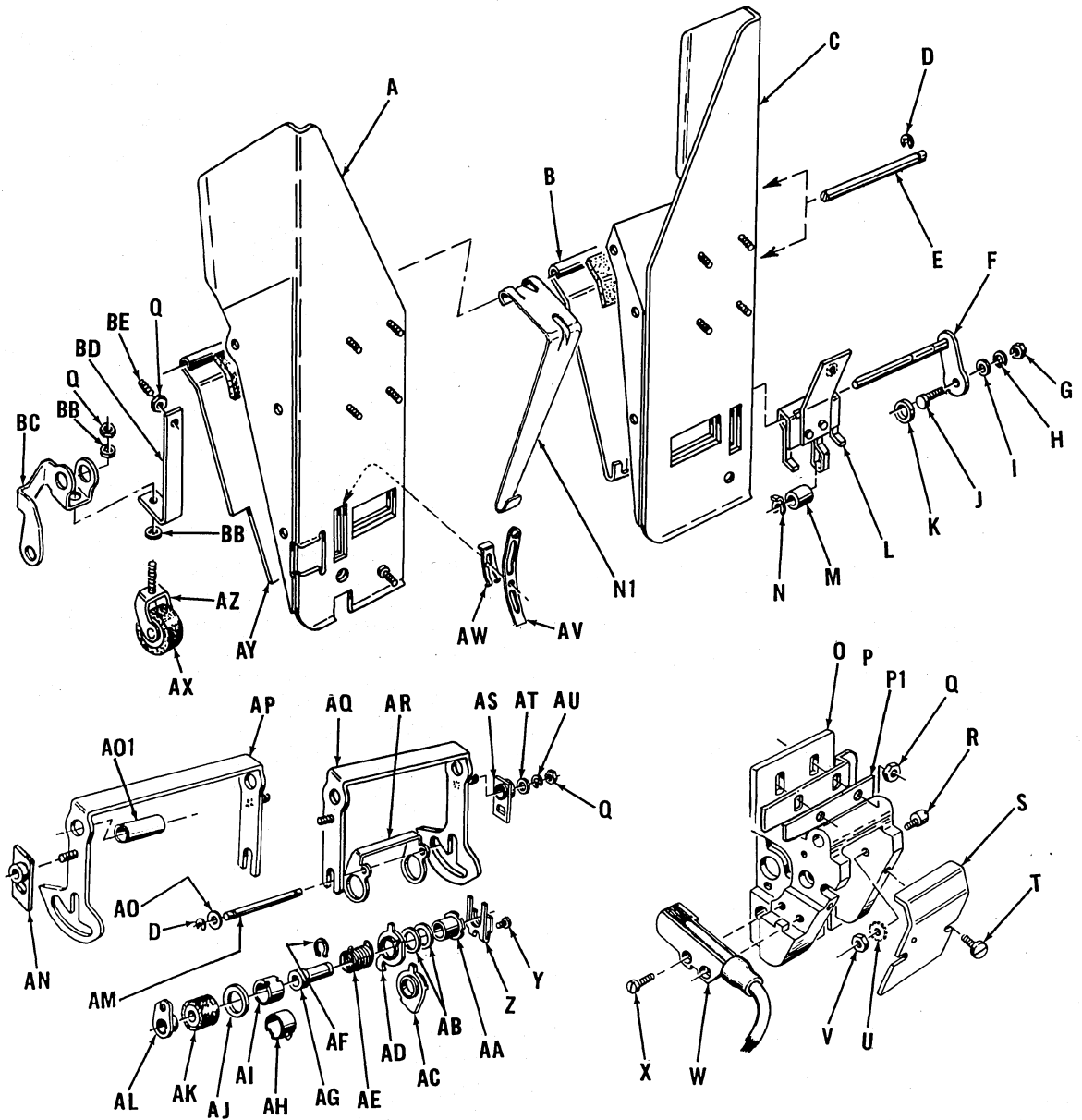


PART NUMBERS (PLATE I-2)

✓ A	1327 4154	form heading holder, beige 125	L	1505 8068	tie bar	Z	1255 7898	set screw
	1528 6768	form heading holder, gray 227	M	1506 2904	shaft	AA	1505 7003	support collar
B	1343 0343	screw	N	1505 6773	end plate	AB	1505 8126	for right side } chain
C	1507 0188	for right side } bracket	O	1010 0386	nut, use 1256 7434		1505 8134	for left side } guard
	1507 0196	for left side }	P	1010 0378	nut	AC	1506 4256	chain
✓ D	1529 2907	form guide, right	Q	1341 0139	spring	AD	1506 2839	sprocket
✓ E	1529 2915	form guide, left	R	1256 5289	nut	AE	1506 2862	washer
✓ E-1	1529 2899	form guide, left	S	1303 9854	washer	AF	1505 7557	eccentric screw
F	1505 5486	aligning table	T	1506 2920	flanged nut	AG	1505 7540	roller
G	1505 6831	for right side } cam	U	1506 2847	washer	AH	1256 7434	lockwasher
	1505 6823	for left side } follower	V	1505 7946	follower shaft, use 1017 0942 pin	✓ AI	1316 6558	spring
H	1257 0628	screw	W	1506 0015	punch shaft	AJ	1035 1492	screw
✓ I	1506 1690	thumbscrew, use 1303 0028 nut	X	1255 3145	clip	AK	1505 8720	eccentric screw
✓ J	1506 0072	form deflector front	Y	1505 8225	length 22" } feed	AL	1505 6765	end plate
				1505 8324	length 8-1/2" } roll	AM	1257 2301	screw
K	1505 8118	form deflector, rear		1505 8332	length 13-1/2" } shafts	AN	1505 5312	retainer plate

Carriage

S.L.A.F.A.C. - FORM GUIDE ASSEMBLIES (PLATE I-3)



PART NUMBERS (PLATE I-3)

- |   |  |
|---|--|
| <p>A 1505 9363 right form guide (plastic), for stripe. When replacing metal form guide for stripe, use 1505 9363 guide, 1505 9496 cover and 1505 9439 leaf spring.</p> <p>1524 3900 complete assembled right form guide, SLAFAC, does not include P and P1.</p> <p>1505 9546 complete assembled right form guide, for non-stripe side of style R or L cges.</p> <p>1505 9470 right form guide (plastic), for non-stripe. When replacing metal form guide for non-stripe, use 1505 9470 guide and 1505 9512 cover.</p> | <p>B 1505 8092 for metal form guide } cover</p> <p>1505 9504 for plastic form guide }</p> <p>C 1505 9447 left form guide, plastic.</p> <p>When replacing metal form guide, use 1505 9447 guide and 1505 9504 cover.</p> <p>1505 9538 complete assembled left form guide, SLAFAC, Does not include P and P1.</p> <p>1505 9553 complete assembled left form guide, for non-stripe side of style R or L cges.</p> |
|---|--|

PART NUMBERS CONTINUED ON NEXT PAGE

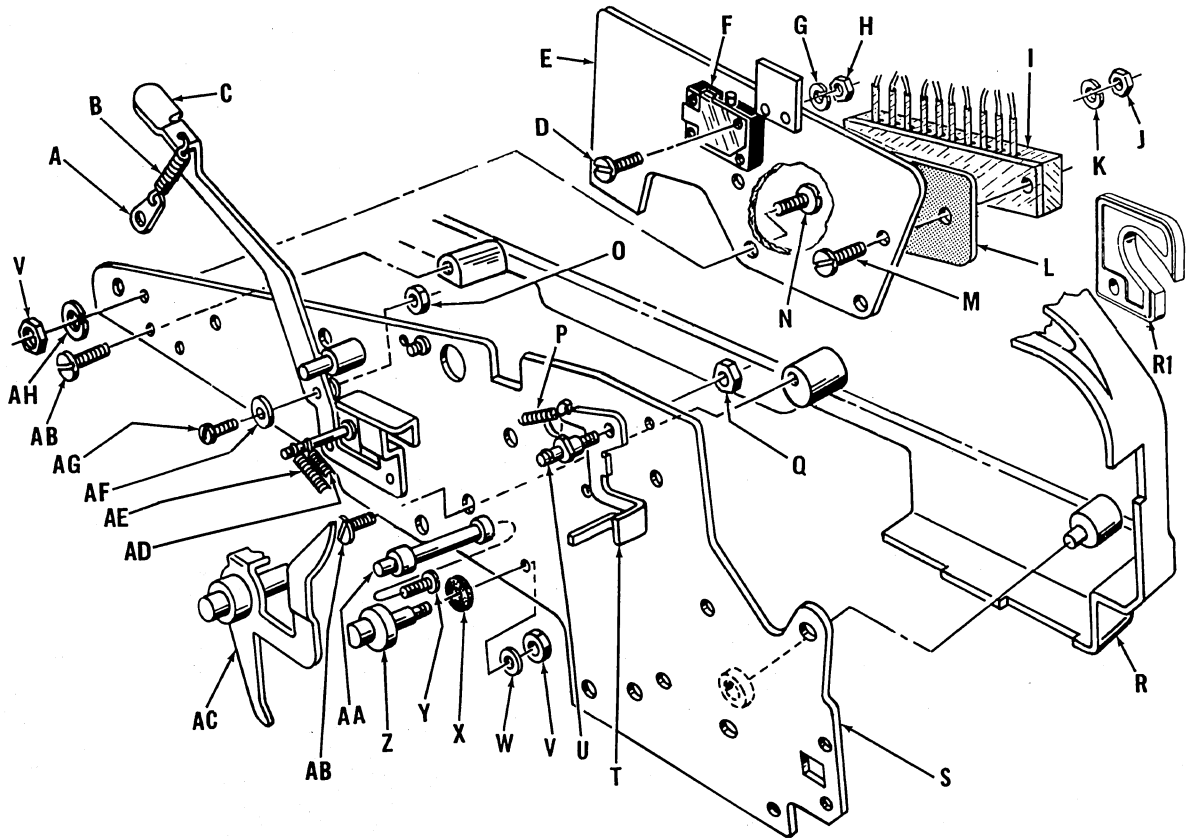
Carriage

PART NUMBERS (PLATE I-3) CONTINUED

D	1255 3129	clip	AE	1506 1369	brake spring			
E	1506 1468	shaft	AF	1507 1558	.024" thick	} ring		
F	1505 8688	for left side		1507 1566	.028" thick			
	1505 5437	for right side						
		} pressure roll release	AG	1506 1807	drum			
G	1256 5198	nut	AH	1506 2003	brake cover, A.S.R.			
H	1256 7418	lockwasher	AI	1506 1872	brake cover, E.S.L.			
I	1337 8534	washer	AJ	1505 6930	limit ring			
J	1505 8704	eccentric screw	AK	1505 8738	feed roll			
K	1505 8696	roller	AL	1506 1815	feed roll bracket			
L	1505 5411	for stripe	AM	1505 5320	actuator shaft			
	1505 7896	for non-stripe	AN	1529 1412	adjusting bracket			
		} pressure roll bracket	AO	1337 1877	washer			
M	1529 2337	pressure roll, use 1506 1492 shaft	AO1	1337 6025	spacer			
N	1300 1433	clip	AP	1505 5502	for stripe	} right release bail		
N1	1529 2188	check support spring		1505 7615	for non-stripe			
✓ O	1529 5363	with read head	AQ	1505 7938	left release bail			
	1529 5231	without read head	AR	1505 7920	actuator shaft support			
		} block	AS	1529 1412	adjusting bracket			
P	1529 2675	right	AT	1506 7515	washer			
	1529 2691	left	AU	1256 7426	lockwasher			
		} spring limit	AV	1507 9262	popper spring			
P1	1529 2683	right	AW	1507 9270	retaining clip			
	1529 2709	left	AX	- - -	included in AZ			
		} retainer plate	AY	1505 8084	for metal form guide	} stripe	} cover	
✓ Q	1308 1005	nut		1505 9496	for plastic form guide			
R	1340 1757	eccentric screw		1505 8100	for metal form guide			} non-stripe
✓ S	1529 5967	cover	AZ	1529 4556	bracket and pressure roll assembly			
T	1256 0843	screw			includes AX			
U	1337 2214	lockwasher	✓ BB	1256 7707	lockwasher			
V	1010 0378	nut	✓ BC	1529 2923	pressure roll support			
W	1505 5478	magnetic head, use 1526 2579 clamp, 1256 0728 screw, 1256 7715 lockwasher and 1010 0360 nut	BD	1505 5395	for metal form guide	} leaf spring		
				1505 9439	for plastic form guide			
X	1257 0388	screw	BE	1529 1388	set screw			
Y	1529 2147	screw						
Z	1507 1541	clamp						
AA	1507 1533	brake housing						
AB	1506 1377	(.010" thick)						
	1505 6716	(.020" thick)						
		} shim						
AC	1506 2011	alignment sensor						
AD	1506 1922	eject sensor						

Carriage

S.L.A.F.A.C. - RIGHT END PLATE ASSEMBLY (PLATE I-4)

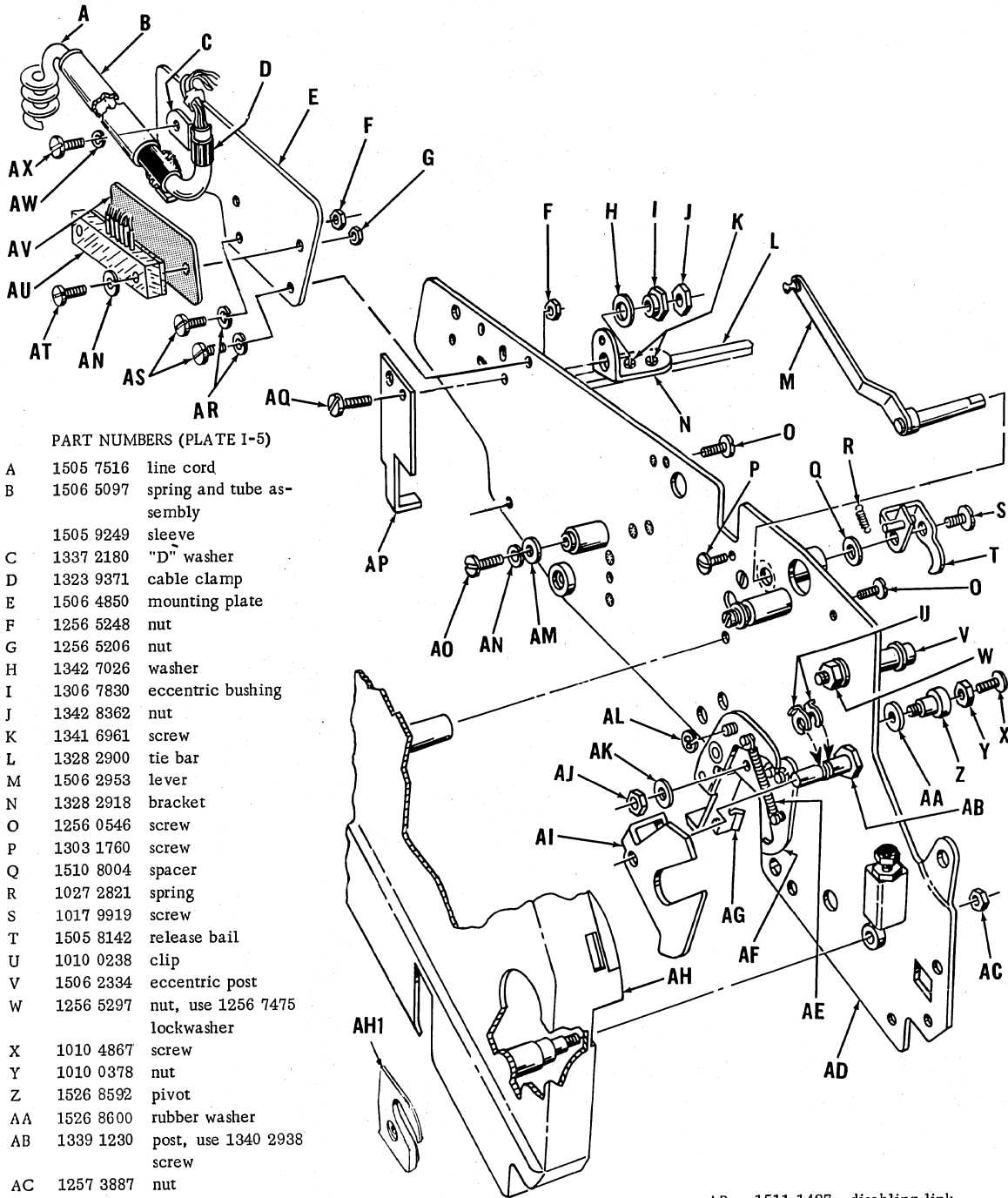


PART NUMBERS (PLATE I-4)

A	1026 6542	spring anchor	S	1505 9173	end plate
B	1013 9277	spring	T	1327 9252	bellcrank
C	1505 7045	switch actuator	U	1328 1464	spring post
D	1256 0165	screw	V	1256 5743	nut
E	1506 3506	mounting plate	W	1256 8010	washer
F	1024 8409	switch	X	1526 8600	rubber washer
G	1256 7400	lockwasher	Y	1015 2213	screw
H	1257 3804	nut	Z	1526 8592	bumper block
I	1341 9841	terminal block	AA	1328 1456	post
J	1256 5206	nut	AB	1256 0546	screw
K	1256 7442	lockwasher	AC	1506 4504	bail
L	1505 7060	insulator	AD	1028 7928	spring
M	1256 0371	nut	AE	1340 8935	spring
N	1256 0850	screw	AF	1337 9011	washer
O	1020 8452	nut	AG	1013 2926	screw
P	1011 3041	spring	AH	1256 7459	lockwasher
Q	1010 0360	nut			
✓ R	1505 8654	end cover, metal, beige 125			
	1505 9157	end cover, plastic, beige 125			
	1533 0277	end cover, plastic, gray 228			
R1	---	included in R			

Carriage

S.L.A.F.A.C. - LEFT END PLATE ASSEMBLY (PLATE I-5)



PART NUMBERS (PLATE I-5)

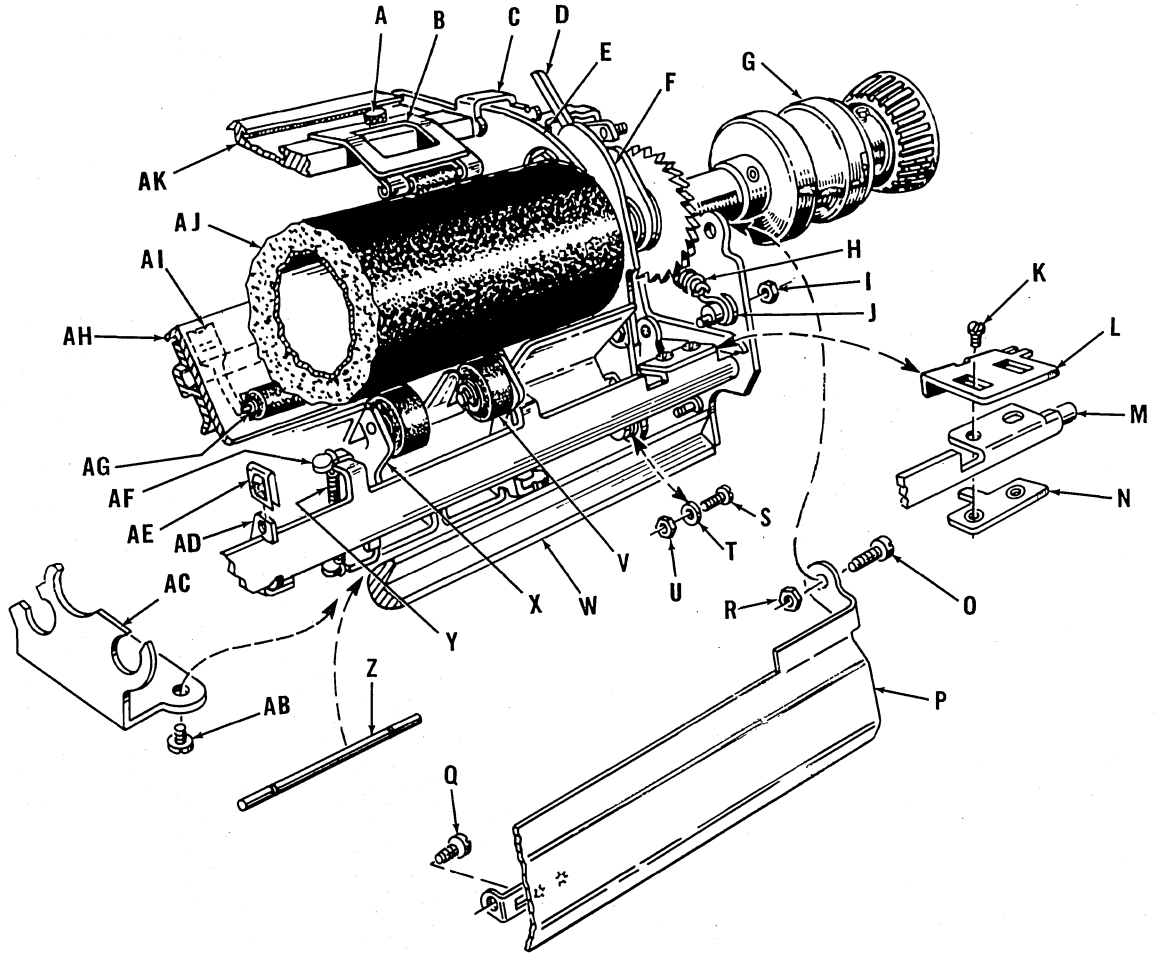
- A 1505 7516 line cord
- B 1506 5097 spring and tube assembly
- 1505 9249 sleeve
- C 1337 2180 "D" washer
- D 1323 9371 cable clamp
- E 1506 4850 mounting plate
- F 1256 5248 nut
- G 1256 5206 nut
- H 1342 7026 washer
- I 1306 7830 eccentric bushing
- J 1342 8362 nut
- K 1341 6961 screw
- L 1328 2900 tie bar
- M 1506 2953 lever
- N 1328 2918 bracket
- O 1256 0546 screw
- P 1303 1760 screw
- Q 1510 8004 spacer
- R 1027 2821 spring
- S 1017 9919 screw
- T 1505 8142 release bail
- U 1010 0238 clip
- V 1506 2334 eccentric post
- W 1256 5297 lockwasher
- X 1010 4867 screw
- Y 1010 0378 nut
- Z 1526 8592 pivot
- AA 1526 8600 rubber washer
- AB 1339 1230 post, use 1340 2938 screw
- AC 1257 3887 nut
- AD 1505 9165 end plate
- AE 1026 9769 spring
- AF 1328 2835 interlock, use 1010 0220 clip
- AG 1328 2827 actuating arm
- ✓ AH 1505 8647 end cover, metal, beige 125
- 1505 9140 end cover, plastic, beige 125
- 1533 0269 end cover, plastic, gray 228

- AH1 -- -- included in AH, use 1505 9231 screw
- AI 1505 9223 safety shield
- AJ 1256 5743 nut
- AK 1256 8010 washer
- AL 1255 3129 clip
- AM 1256 8028 washer
- AN 1256 7442 lockwasher
- AO 1256 0868 screw

- AP 1511 1487 disabling link
- AQ 1256 1486 screw
- AR 1256 7459 lockwasher
- AS 1256 0850 screw
- AT 1256 0371 screw
- AU 1341 9841 terminal block
- AV 1341 9874 insulator
- AW 1256 7434 lockwasher
- AX 1256 0363 screw, use 1256 5206 nut

Carriage

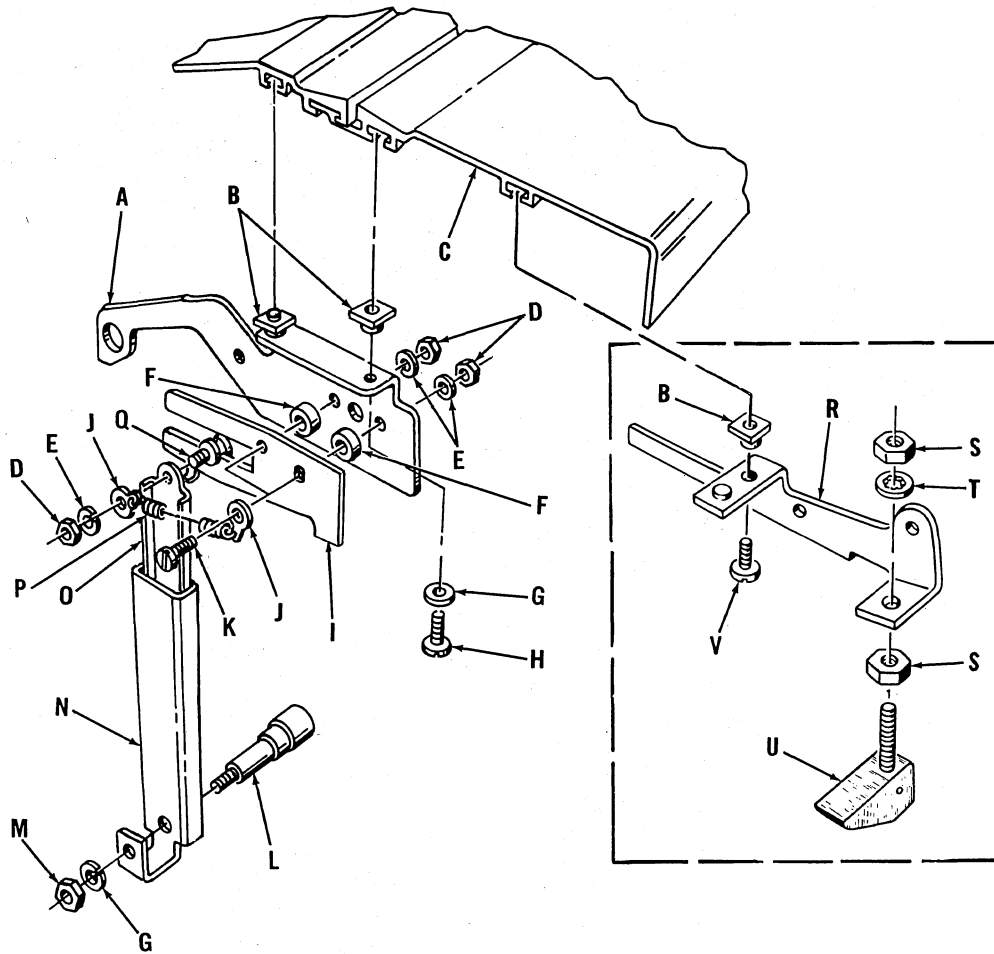
S.L.A.F.A.C. - INNER CARRIAGE AND PRESSURE ROLLS (PLATE I-6)



PART NUMBERS (PLATE I-6)

A	1017 2062	knurled screw	S	1304 0779	screw
B	1506 2086	pressure roll assembly	T	1256 7996	washer
C	1505 6922	for right side	U	1010 0378	nut
	1505 6914	for left side	V	1505 6237	pressure roll, use 1255 3129 clip
		} bracket, use 1304 2775 screw	W	1327 8627	carriage raceway
D	1326 9709	shown, for right end	X	1505 6005	for right side
	1526 1159	for left end of split platen		1505 5999	for left side
		} platen spacing selector	Y	1525 9278	spring
E	1505 6021	end plate assembly	Z	1505 5973	shaft, use 1255 3103 clip
F	1524 3462	for right side	AB	1010 5229	screw
	1526 2074	for left side	AC	1505 9132	brace
		} adjustable cam	AD	1505 9975	brace
✓ G	1505 8969	coupling hub	AE	1300 1508	speed nut
H	1013 3387	spring, use 1026 6351 spring anchor	AF	1505 6161	for right side
I	1010 0410	nut		1505 6153	for left side
J	1342 8719	eccentric post			} spring anchor
K	1010 8983	screw	AG	1303 3253	pressure roll
L	1507 3455	bracket	AH	1505 5817	journal pan
M	1505 5825	pressure roll release bail	AI	1505 6138	spring
N	1507 3463	bracket guide	AJ	1326 6762	platen assembly
O	1010 4610	şcrew	✓ AK	1505 8787	support bar, beige 125
✓ P	1505 8779	shield, beige 125		1533 2885	support bar, gray 227
	1528 9515	shield, gray 227			
Q	1303 1893	screw			
R	1010 0386	nut			

S.L.A.F.A.C. - REAR COVER AND LATCH ASSEMBLY (PLATE I-7)

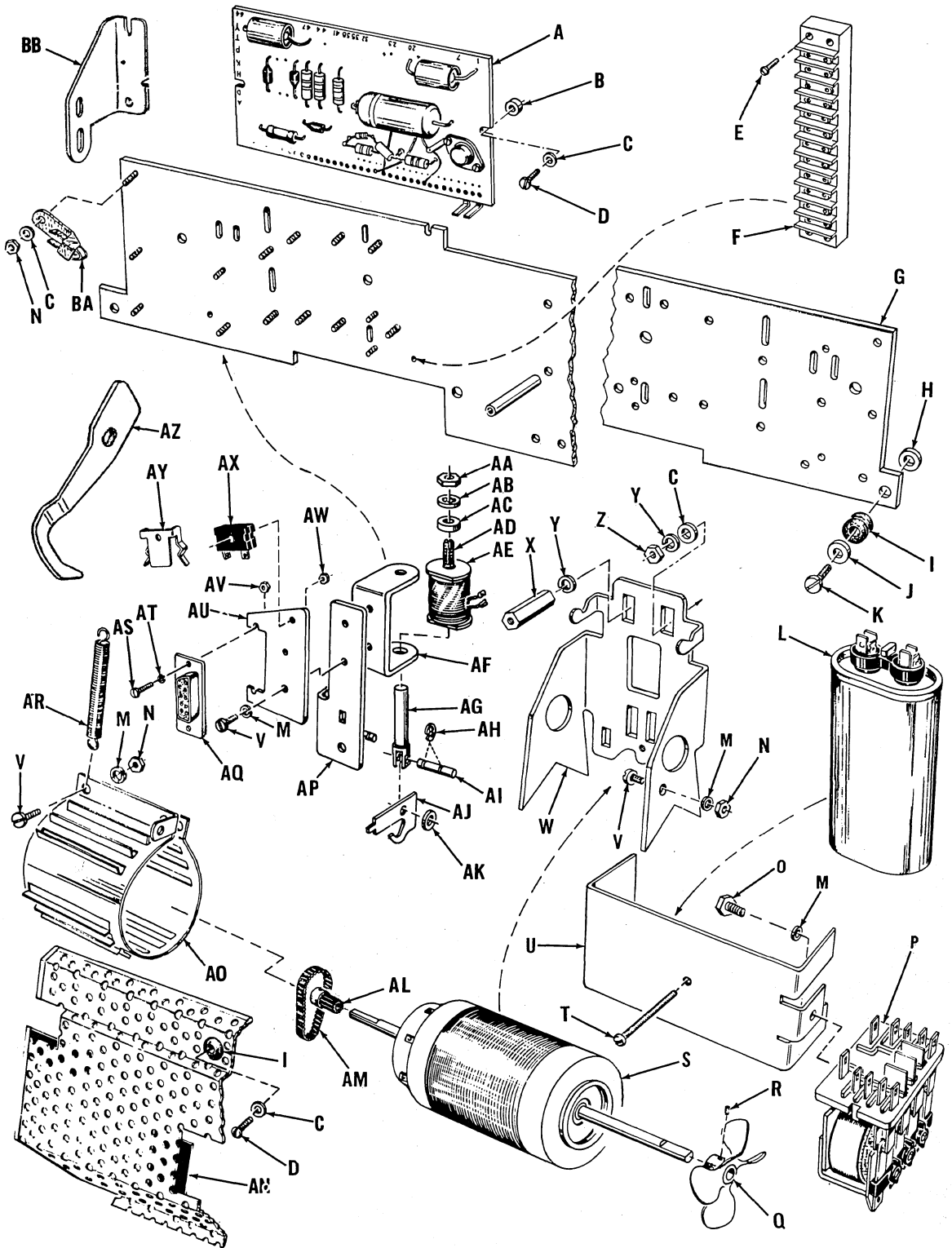


PART NUMBERS (PLATE I-7)

A	1505 6682	before improved pre-set	} pivot bracket,	∟I	1529 0166	right side	} stop bracket
		brake				1529 0174	
	1524 3413	with improved pre-set		right side	J	1010 0022	spring anchor
		brake			K	1256 0876	screw
	1505 6690	before improved pre-set	} pivot bracket,	L	1505 6732	shoulder post	
		brake		left side	M	1256 5263	nut
	1526 1654	with improved pre-set		N	1326 2894	latch housing	
		brake		O	1326 2886	latch, use 1326 2902 cam	
B	1506 3928	nut		P	1027 6863	spring	
∟ C	1505 7086	rear cover, beige 125		Q	1505 7763	guide screw	
	1533 2398	rear cover, gray 227		R	1505 9983	support	
D	1256 5248	nut		S	1256 5404	nut	
E	1256 7442	lockwasher		T	1256 7764	lockwasher	
F	1337 7361	spacer		U	1506 0007	leg assembly	
G	1256 7459	lockwasher		V	1256 1080	screw	
H	1256 1098	screw					

Carriage

S.L.A.F.A.C. - POWER PLATE ASSEMBLY (PLATE I-8)



PART NUMBERS ON NEXT PAGE



Carriage

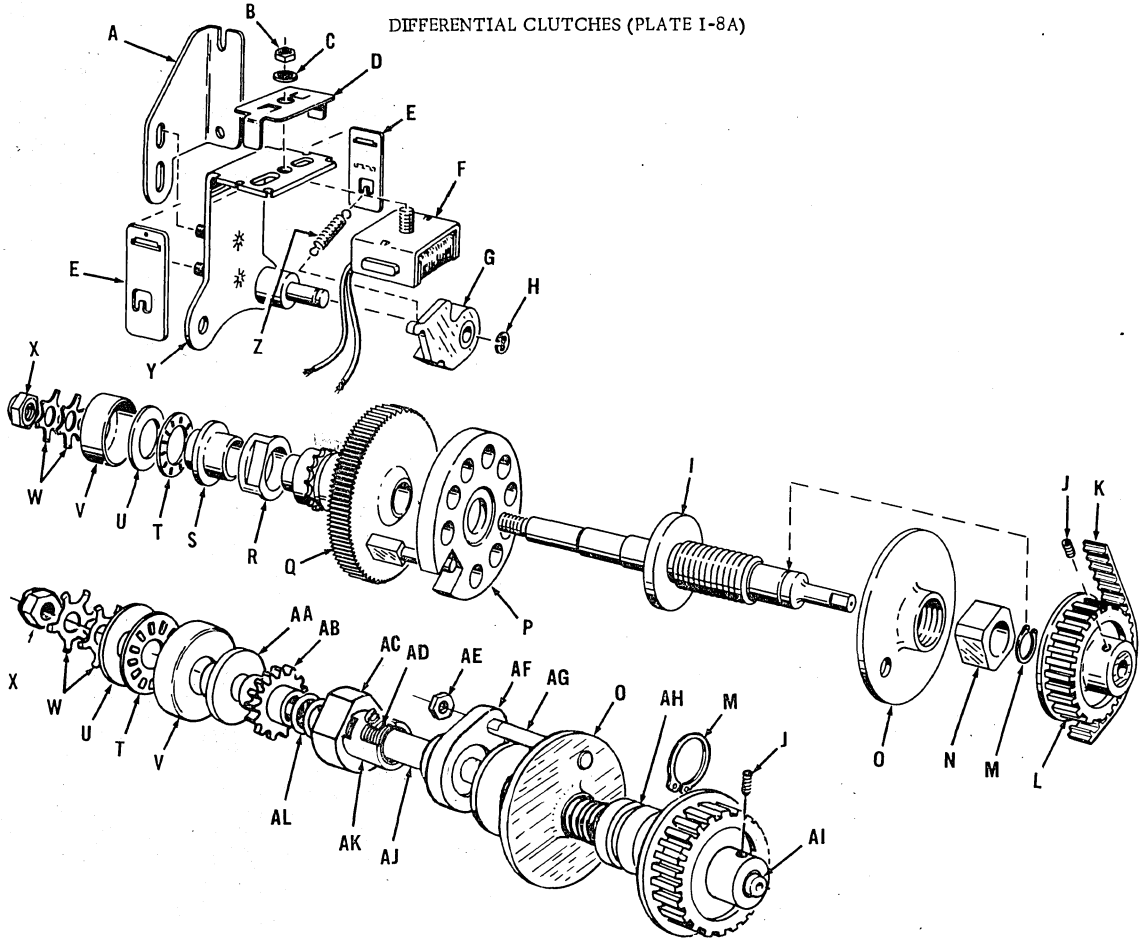
PART NUMBERS (PLATE I-8)

A	1505 8985	for style S cge.	} component board	X	1505 9009	hex post	
	1505 8993	for style D, R or L cge.		Y	1256 7459	lockwasher	
B	1337 4939	spacer		Z	1256 5263	nut	
C	1256 8036	washer		AA	1256 5289	nut	
D	1256 1122	screw		AB	1256 7749	lockwasher	
E	1256 0363	screw, use 1256 7426 lockwasher and 1256 5206 nut		AC	1028 7514	washer	
F	1338 9275	terminal board		AD	1326 1516	adjusting screw	
G	1505 6609	before improved	} mounting plate	AE	1529 2220	solenoid coil	
	1524 3819	pre-set brake		} for style S cge.	AF	1326 1524	bracket
	1505 6344	with improved			} for style D, R or L cge.	AG	1510 4540
	1505 6344	pre-set brake		AH		1255 3145	clip
	1526 1704	before improved		AI		1506 2664	pin
	1526 1704	pre-set brake	AJ	1506 5527	link		
H	1303 9854	washer		AK	1010 6623	spacer	
I	1341 9106	grommet		AL	1506 4041	gear, use 1255 7724 set screw	
J	1506 5170	washer		AM	1506 4140	belt, 60 teeth.	
K	1506 4199	screw		AN	1505 7565	screen cover	
L	1505 7714	7 $\mu$ fd	} capacitor	AO	1505 7227	for stripe	
	1505 6369	5 $\mu$ fd		AP	1505 6351	for non-stripe	} heat sink collar
M	1256 7442	lockwasher			1506 5501	for right side	
N	1256 5248	nut			1506 5519	for left side	
O	1256 4373	screw		AQ	1266 8125	connector	
P	1507 7142	relay		AR	1505 8753	spring	
Q	1526 2512	fan, with .250" dia. hole, used with 1526 2520 motor		AS	1256 0330	screw	
R	1255 8540	set screw		AT	1256 7426	lockwasher	
S	1526 2520	motor (stripe), used with 1526 2512 fan with .250" dia. hole		✓ AU	1505 7482	shown, single bracket construction	
	1506 3282	motor (non-stripe)			1524 3801	double bracket construction	
T	1256 0942	screw		AV	1256 5206	nut	
U	1505 7490	cover		AW	1256 5180	nut	
V	1256 0850	screw		AX	1506 5220	connector, includes retaining screw	
W	1505 7235	for stripe	} motor bracket, use 1256 8036 lockwasher and 1256 5263 nut	AY	1505 9967	clip	
	1506 4066	for right side		} for right side	AZ	1524 4585	for right
	1506 4306	for left side			} for left side		1524 4577
							lock cam, use 1256 5263 nut, 1010 4545 washer and 1344 5622 washer
				BA	1523 9213	cable clamp	
				BB	1524 3843	for right side	
					1526 1746	for left side	

Carriage

*Carriage*

DIFFERENTIAL CLUTCHES (PLATE I-8A)

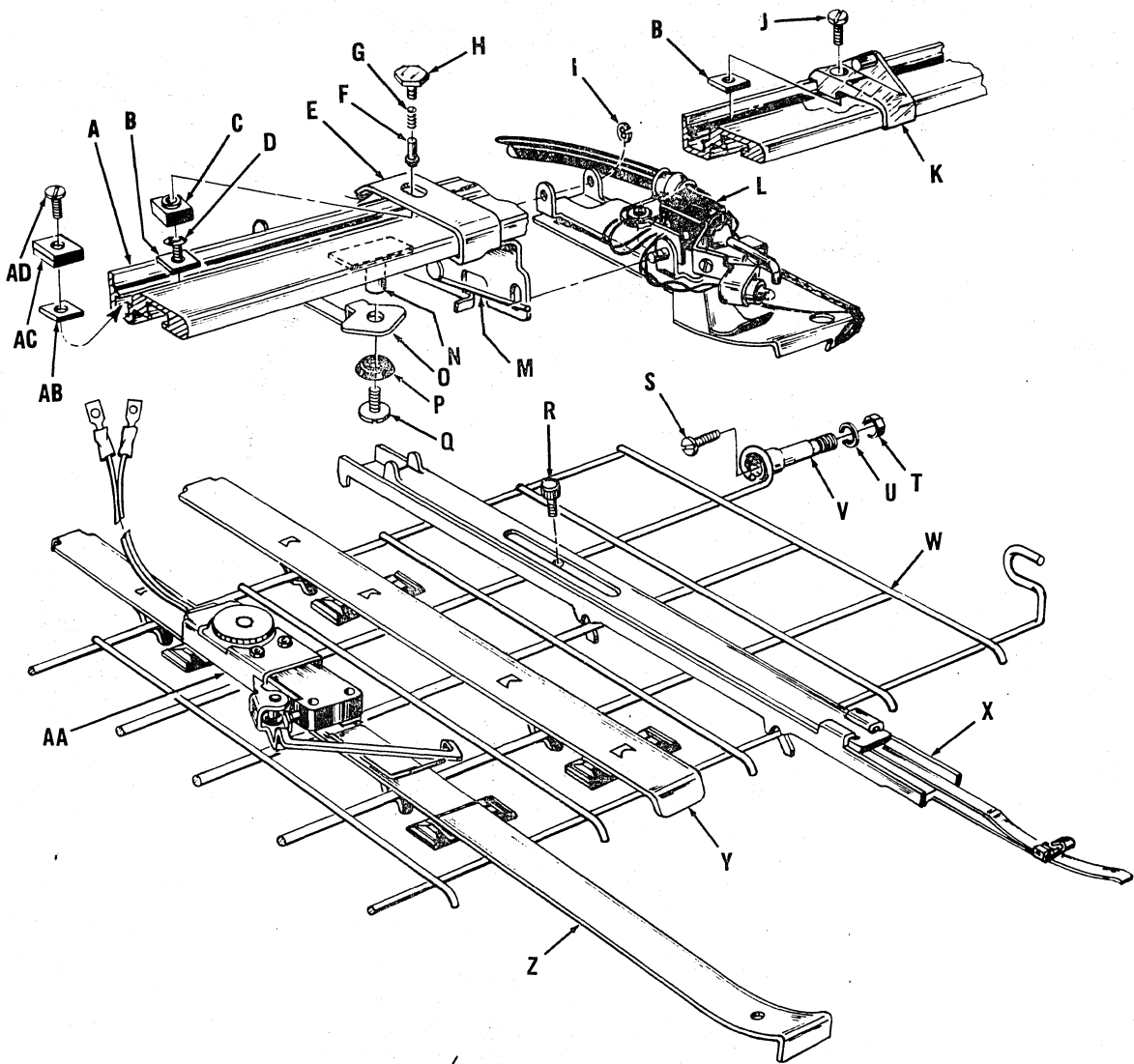


PART NUMBERS (PLATE I-8A)

A	1524 3843	bracket, use 1256 8010 washer & 1256 5248 nut	U	1526 2447	disc bearing	
B	1256 5743	nut	V	1526 2462	cover	
C	1256 8010	washer	W	1315 7862	spring washer	
D	1524 3322	retaining bracket	X	1002 7951	nut	
E	1524 3363	clapper	Y	1524 3298	bracket, use 1256 8010 washer & 1256 5743 nut	
F	1524 3330	solenoid	Z	1340 9511	spring	
G	1524 3264	brake shoe	AA	1529 1115	spacer	
H	1255 3152	clip	AB	1529 1123	sprocket	
I	1524 3496	screw shaft only	AC	1506 3597	bearing brake drum	
	1524 3579	complete assembled screw - friction clutch includes I, J, L thru Z	AD	1506 1369	right hand	
				1506 7309	left hand	} brake spring
J	1255 7724	setscrew	AE	1010 0378	nut	
K	1505 6724	belt, 75 teeth	AF	1506 3613	bearing end plate	
L	1506 4033	pulley	AG	1506 3621	shaft	
M	1255 1958	clip	AH	1506 3662	bearing	
N	1524 3520	bearing	AI	1529 1131	shaft only	
O	1524 3538	screw plate		1505 7581	right hand	} complete assembled differential clutch, includes T, U, V, W, AA thru AL
P	1526 2470	friction plate		1505 8399	left hand	
Q	1524 3488	brake drum	AJ	1506 6954	tube	
R	1524 3546	bearing	AK	1506 3597	bearing brake drum	
S	1526 2439	spacer	AL	1337 8823	shim, use as required	
T	1526 2454	thrust bearing				

Carriage

✓ GRID FORM SUPPORT AND JOURNAL PAPER TABLE (PLATE I-8B)

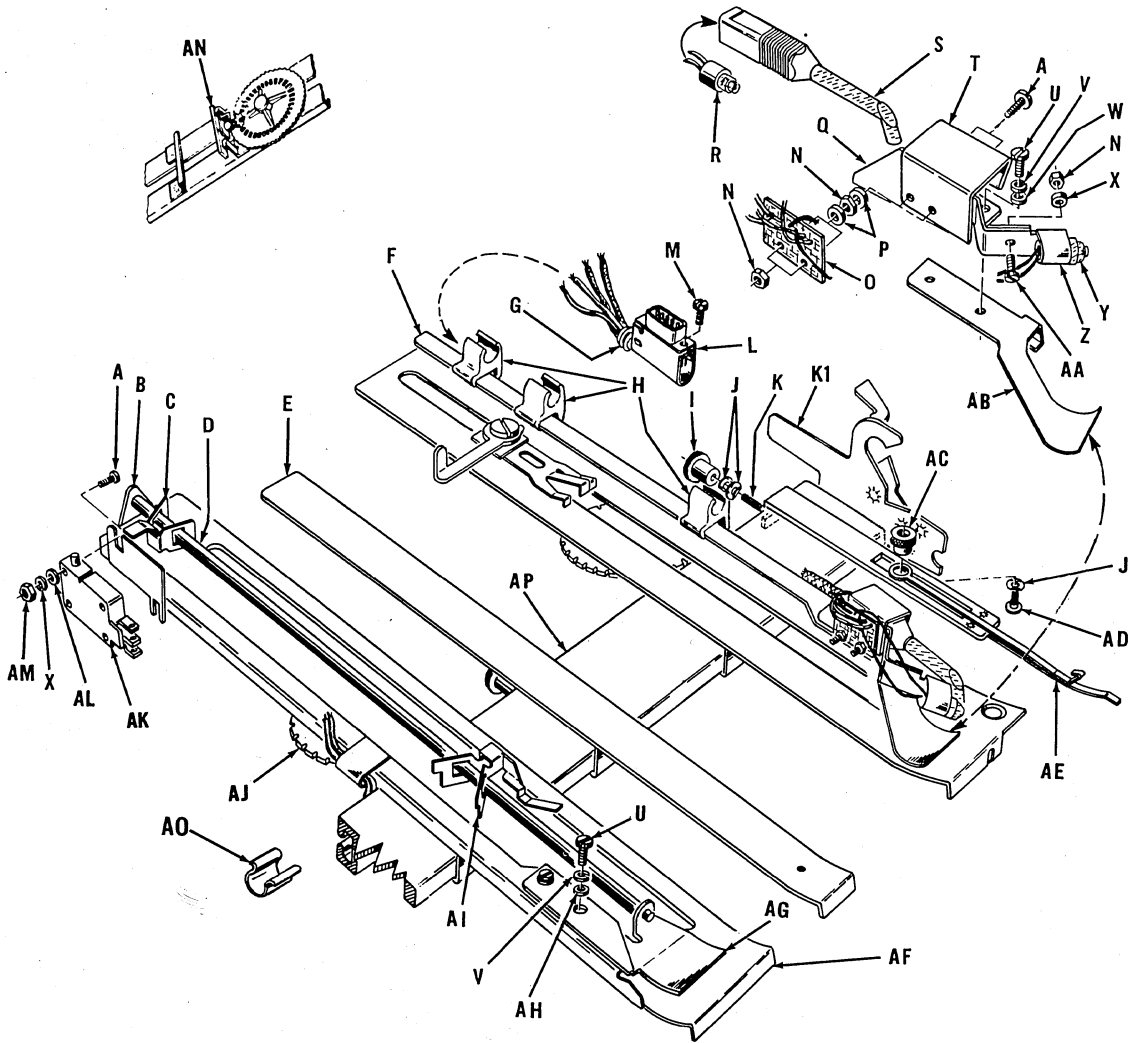


✓ PART NUMBERS (PLATE I-8B)

A	1529 0742	journal paper table	O	1529 6809	lever
	1529 7096	journal paper table assembly, includes A thru H, J, K, M thru Q, AB, AC, AD	P	1529 6791	spring washer
B	1303 0028	limit	Q	1328 1472	screw
C	1529 4622	retainer nut	R	1017 2062	screw
D	1529 4648	limit screw	S	1029 4049	screw
E	1529 6551	bracket	T	1256 5263	nut
F	1529 4630	plunger	U	1256 7459	lockwasher
G	1529 4663	compression spring	V	1529 6643	shoulder post
H	1529 4614	spring retainer	W	1529 6544	ledger support
I	1255 3145	clip	X	1529 6882	form limit assembly
J	1256 0728	screw	Y	1529 6825	ledger support
K	1529 7047	journal guide, right	Z	1529 7005	ledger support
	1529 7039	journal guide, left	AA	1529 7120	detector alignment switch
L	1529 7138	form chute assembly	AB	1256 5206	nut
M	1529 6817	spring	AC	1111 5177	nuts (2 req.)
N	1529 6783	nut assembly	AD	1257 0529	screw

Carriage

S.L.A.F.A.C. - REAR FORM CHUTE ASSEMBLY (PLATE I-9)



PART NUMBERS (PLATE I-9)

Complete rear form chute assemblies, before F186144P.

- 1505 6559 for style S cge. (single forms)
- 1505 8001 for style D cge. (dual forms)
- 1505 7771 for style R cge. (dual forms, stripe on right)
- 1505 7953 for style L cge. (dual forms, stripe on left)

Complete easy removable rear form chute assemblies, after F186143P.

- 1529 0919 for style S cge. (single forms)
- 1529 0943 for style D cge. (dual forms)
- 1529 0927 for style R cge. (dual forms, stripe on right)
- 1529 0935 for style L cge. (dual forms, stripe on left)

- A 1256 0165 screw
- B 1505 7342 bracket, use 1256 0322 screw, 1256 7426 lockwasher and 1340 6079 washer
- C 1505 7383 actuating arm
- D 1505 7375 shaft

- E 1505 5957 without split platen } center support, use 1302 8436 anchor screw and 1303 0861 knurled nut
- 1505 6179 with split platen }
- F 1505 5940 right form chute only, non-stripe
- 1505 6567 complete right form chute assembly, includes G, H and L thru AB
- G 1341 6045 grommet
- ✓ H 1529 2063 clamp
- I 1303 0861 knurled nut
- J 1337 1695 spring washer
- K 1302 8436 wide } anchor screw
- 1342 9956 narrow }
- ✓ K1 1327 3610 right } hanger, for non-easy removable
- 1327 3628 left } form chute assembly
- 1529 0000 right } hanger, for easy removable form
- 1529 0018 left } chute assembly, use 1010 4693 screws
- L 1266 8117 connector, use 1266 8463 shield

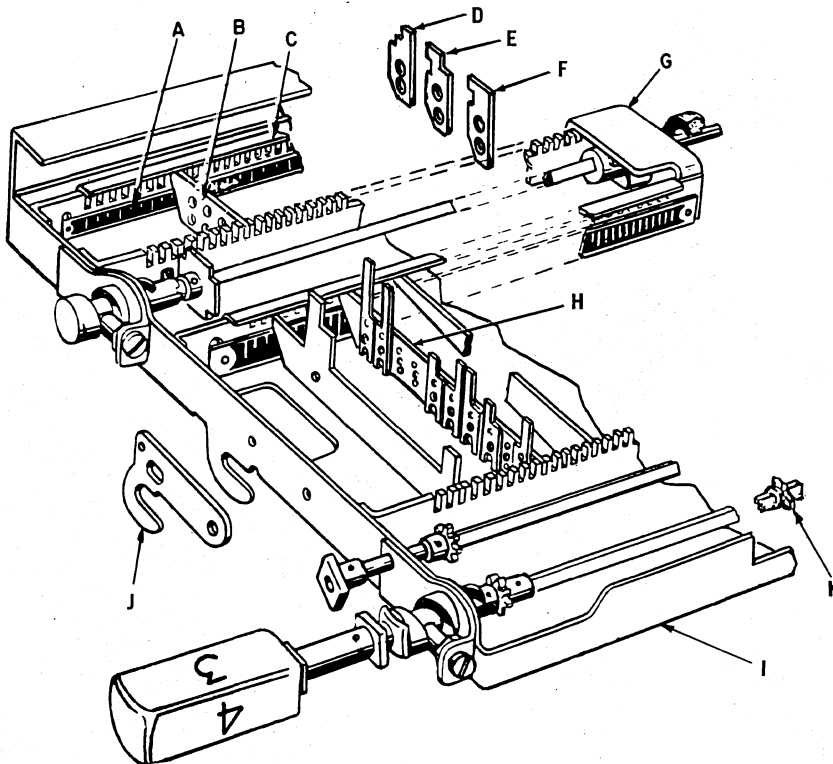
PART NUMBERS CONTINUED ON NEXT PAGE

Carriage

PART NUMBERS (PLATE I-9) CONTINUED

M	1256 0330	screw	AC	1338 7238	knurled nut
N	1256 5180	nut	AD	1018 0065	screw
O	1505 7912	printed circuit card	AE	1505 8860	form limit, style 11
P	1010 3935	washer		1505 8878	complete assembly, includes I, J, K, AC, AD, AE
Q	1505 6088	mounting bracket	AF	1505 7284	left form chute, does not include AJ
R	1505 7748	lamp assembly	AG	1505 7334	bracket
S	1505 6195	light prism assembly,	AH	1340 6079	washer
T	1505 5841	bracket	AI	1505 7425	form sensor, use 1526 1142 teflon tube
U	1256 0322	screw	AJ	1327 9070	finger nut, use 1340 3639 shoulder nut
V	1256 7426	lockwasher	AK	1343 1143	switch
W	1256 7996	washer		1505 7680	complete harness, includes switch
X	1256 7400	lockwasher	AL	1337 5019	washer
Y	1505 7755	lamp assembly	AM	1257 3804	nut
Z	1505 6070	retainer bracket	AN	1529 4994	clamp
AA	1256 0124	screw	✓ AO	1529 2071	clip
✓ AB	1505 6062	bracket, use 1526 1910 shield and 1300 1425 clip	✓ AP	1529 0158	ledger table

CONTROL UNIT (PLATE I-10)

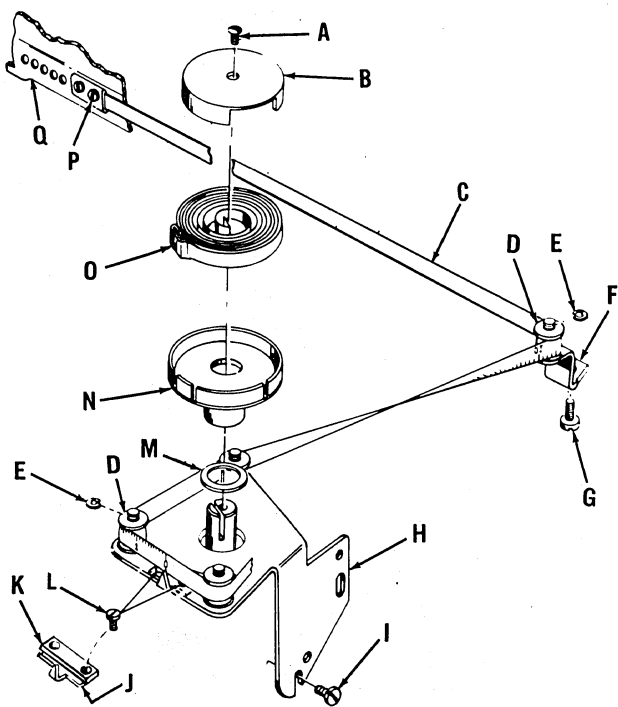


PART NUMBERS (PLATE I-10)

✓ Complete assembled control unit - specify unit number or furnish form layout	✓ B	1506 6616	sensing pin magazine, lanes 31 through 38
1533 4881 rear insertion (22), ball printer, gray 227	✓ C	1327 1127	retainer strip (22), use 1340 4538 screws
1530 0817 rear insertion (22), not ball printer, beige 125	D	1506 6624	single sensing pin, lane 37
✓ Partial control unit - does not include magazines, pins, stop dogs or disks	E	1506 6640	single sensing pin, lane 38
1528 3351 rear insertion (22), ball printer, gray 227	F	1506 6632	double sensing pin, lanes 37 and 38
1530 0783 rear insertion (22), not ball printer, beige 125	G	1328 1035	brace, use 1010 9163 screw
✓ A 1327 4519 graduated strip (22), use 1303 1802 screws, 1010 0485 nuts	H	1506 8323	magazine, for PA
	✓ I	1528 3427	control unit pan only (22), gray 227
		1527 7817	control unit pan only (22), beige 125
	J	1327 5094	hook, use 1328 1050 hex nut
	K	1526 8865	stop dog

Carriage

CARRIAGE POSITION INDICATOR (PLATE I-11)



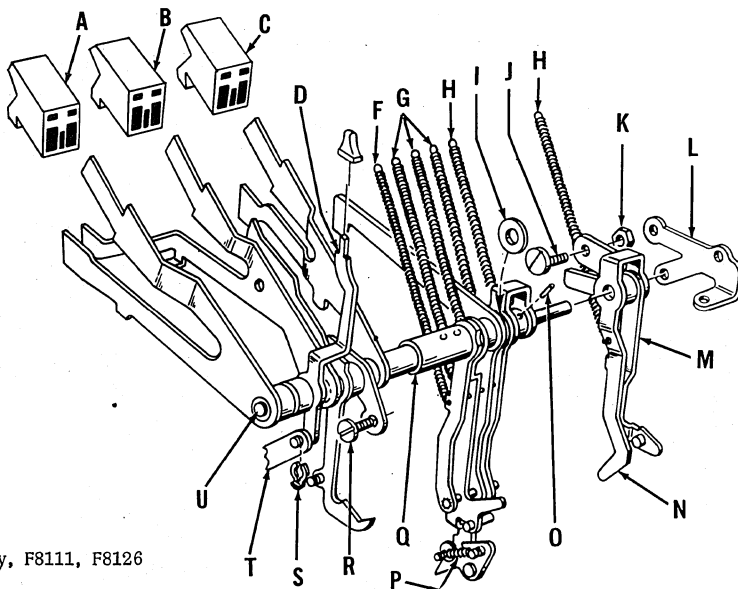
PART NUMBERS (PLATE I-11)

A	1256 0686	screw
B	1523 1343	drum cover
C	1523 1384	indicator tape
D	1503 0943	nylon flanged roller
E	1255 3129	clip
F	1503 0935	bracket
G	1303 1778	screw
H	1503 0976	mounting bracket
I	1340 4645	without punch
	1506 8984	with punch
		} screw
J	1523 1335	pointer
K	1523 1442	shim
L	1257 0362	screw
M	1525 3677	spacer
N	1523 1426	spring drum assembly
O	1523 1368	power spring
P	1523 1467	screw
Q	1505 8779	shield

DIRECTIONAL CONTROL KEYS (PLATE I-12)

PART NUMBERS (PLATE I-12)

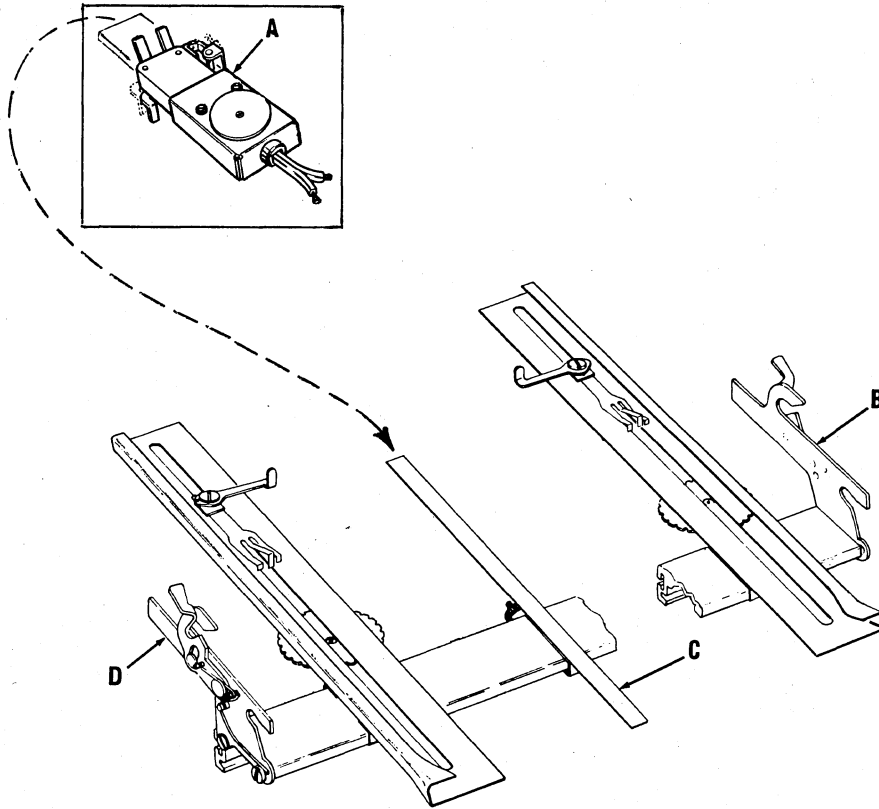
✓ A	1331 4088	keytop (CGE O-C), beige
	1528 0027	keytop (CGE O-C), gray
✓ B	1331 4067	keytop (RET), beige
	1528 0001	keytop (RET), gray
✓ C	1331 4075	keytop (TAB), beige
	1528 0019	keytop (TAB), gray
✓ D	1525 2539	lever, without ball printer
	1528 9747	lever, ball printer
✓ E	1331 4026	keytop, beige
	1533 0244	keytop, gray
F	1028 8942	spring
G	1026 9454	spring
H	1307 6146	spring
I	1010 4925	washer
J	1507 2077	eccentric screw
K	1010 0360	nut
L	1325 2895	brace
M	1507 2069	arm
N	1507 1921	arm
O	1029 3389	pin
P	1304 2973	spring
✓ Q	1328 9855	tab and return key assembly, F8111, F8126 without ball printer
	1528 0068	tab and return key assembly, F8111, F8126 ball printer
	1525 2554	tab and return key assembly, F8166, F8190 without ball printer
	1533 5417	tab and return key assembly, F8190 ball printer



R	1341 5898	screw
S	1010 0212	clip
T	1525 2471	link
✓ U	1328 9715	shaft assembly, without ball printer
	1528 0043	shaft assembly, ball printer

Carriage

COMPLETE REAR FORM CHUTE ASSEMBLY (PLATE I-13)  
(NON-STRIPE LEDGER)



PART NUMBERS (PLATE I-13)

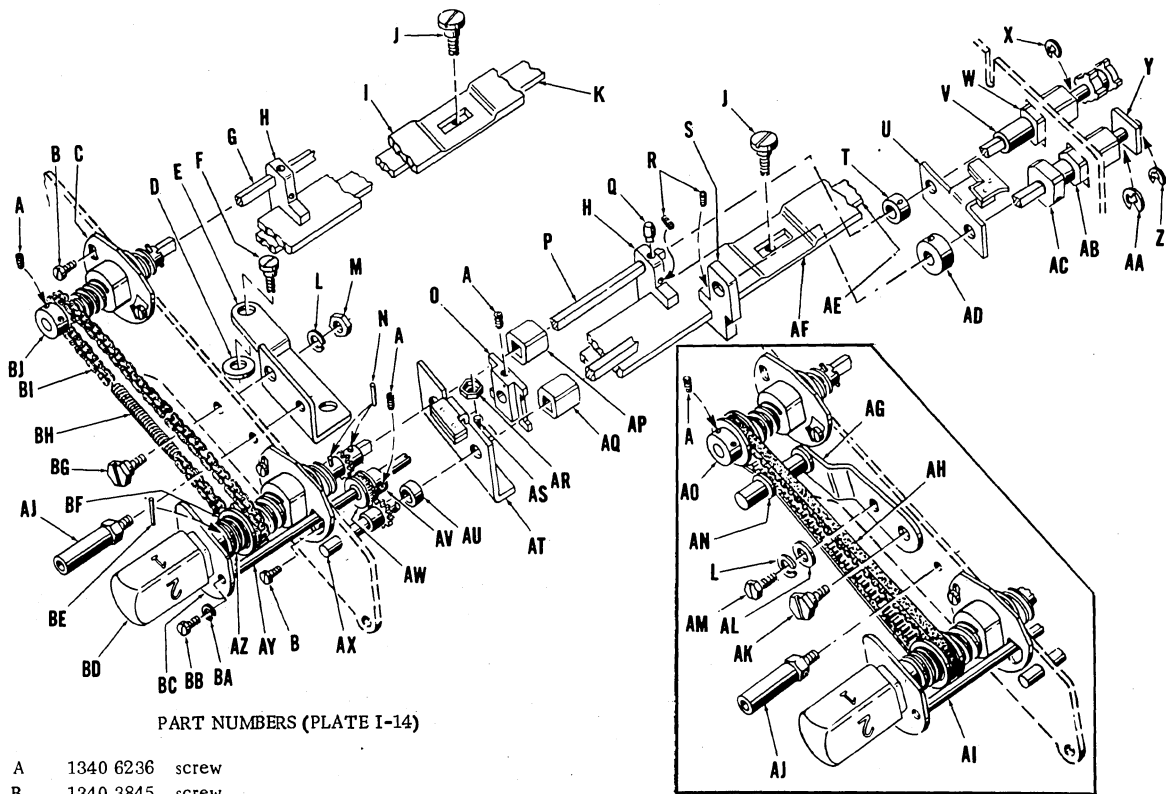
Complete Assembled Rear Form Chutes:

- 1327 7256 contains 1 set of style 3 chutes (12 1/2") and 1 flat guide
- 1327 7280 contains 2 sets of style 3 chutes (12 1/2") and 2 flat guides

- A 1506 3431 switch assembly
- B 1327 3610 hanger, right
- ✓ C 1506 5402 12" limit, S & N platen } center guide
- 1506 5410 12" limit, solid platen } A.F.A.C.
- D 1327 3628 hanger, left

Carriage

PROGRAM UNIT ASSEMBLY (PLATE I-14)



PART NUMBERS (PLATE I-14)

- |    |           |  |    |           |                                 |
|----|-----------|--|----|-----------|---------------------------------|
| A  | 1340 6236 | screw  | AC | 1327 5193 | spacer block                    |
| B  | 1340 3845 | screw  | AD | 1010 3893 | set collar, use 1255 7807 screw |
| C  | 1328 2629 | worm sleeve, adjustable  | AE | 1328 2736 | spacer bar                      |
| D  | 1337 1505 | shim   | AF | 1328 2728 | slide support plate             |
| E  | 1510 7782 | brace  | AG | 1510 7857 | adjustable blank                |
| F  | 1340 5949 | screw  | AH | 1338-5448 | belt                            |
| G  | 1510 7832 | type skip shaft  | AI | 1510 7881 | idler shaft                     |
| H  | 1327 8387 | bearing brace, use 1255 7617 screw   | AJ | 1511 9308 | post, use 1256 7459 lockwasher  |
| I  | 1510 7915 | slide support bar  | AK | 1510 7873 | screw                           |
| J  | 1340 5568 | screw, use 1337 8617 spacer  | AL | 1256 8028 | washer                          |
| K  | 1328 2736 | spacer bar   | AM | 1257 2939 | screw                           |
| L  | 1256 7459 | lockwasher   | AN | 1510-7907 | idler                           |
| M  | 1256 5263 | nut  | AO | 1328 0987 | pulley                          |
| N  | 1010 0626 | pin  | AP | 1327 5201 | squaring block                  |
| O  | 1511 0356 | detent   | AQ | 1327 5219 | squaring block                  |
| P  | 1522 8661 | skip shaft assembly for chain drive. For belt drive use 1522 8661 shaft assembly, 1522 8679 chain, 1522 8695 sprocket (2 req.), 1522 8711 spring, 1522 8687 shaft, 1340 3621 screw, 1340 6236 screw (4 req.) | AR | 1338 7998 | nut                             |
| Q  | 1339 6361 | lock pin   | AS | 1340 5956 | screw                           |
| R  | 1255 7617 | screw  | AT | 1511 5892 | detent                          |
| S  | 1327 8379 | bearing brace  | AU | 1337 8609 | spacer                          |
| T  | 1337 9748 | set collar, use 1255 7617 screw  | AV | 1327 6977 | flanged collar                  |
| U  | 1328 2660 | detent   | AW | 1327 5433 | idler gear                      |
| V  | 1510 7824 | spacer   | AX | 1326 7919 | stop dog shaft                  |
| W  | 1338 0191 | shaft bearing  | AY | 1522 8687 | idler shaft                     |
| X  | 1300 1490 | retaining clip   | AZ | 1013 3338 | spring                          |
| Y  | 1328 1001 | detent   | BA | 1256 7418 | lockwasher                      |
| Z  | 1255 3129 | retaining clip   | BB | 1257 2269 | screw                           |
| AA | 1300 1474 | retaining clip   | BC | 1533 0699 | thrust plate, gray 227          |
| AB | 1338 0209 | shaft bearing  |    | 1328 2959 | thrust plate, beige 125         |

PART NUMBERS CONTINUED ON NEXT PAGE

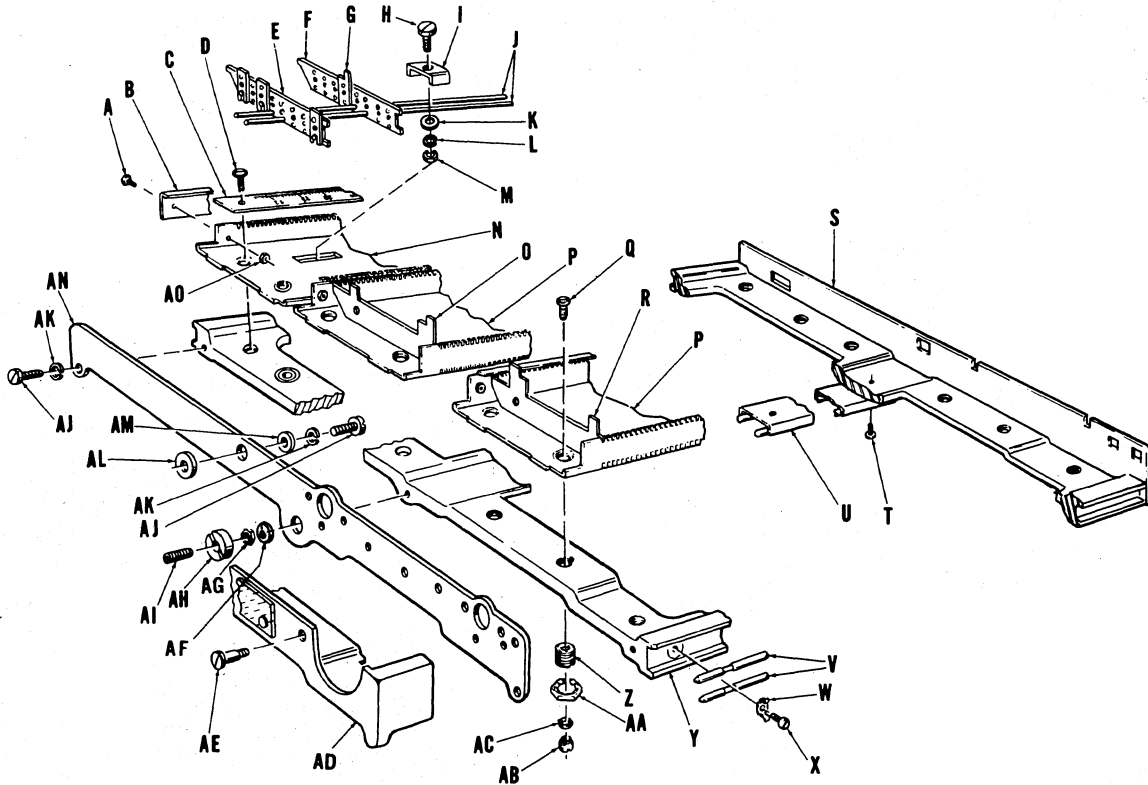


Carriage

PART NUMBERS (PLATE I-14) CONTINUED

✓ BD	1533 0681	selector knob, gray, use 1527 2289	BF	1328 0979	pulley flange
		retaining ring	BG	1340 3621	screw
	1527 2263	selector knob, beige, use 1527 2289	BH	1522 8711	spring
		retaining ring	BI	1522 8679	chain
BE	1342 8495	pin	BJ	1522 8695	sprocket

PROGRAM UNIT COMPONENT PARTS (PLATE I-15)

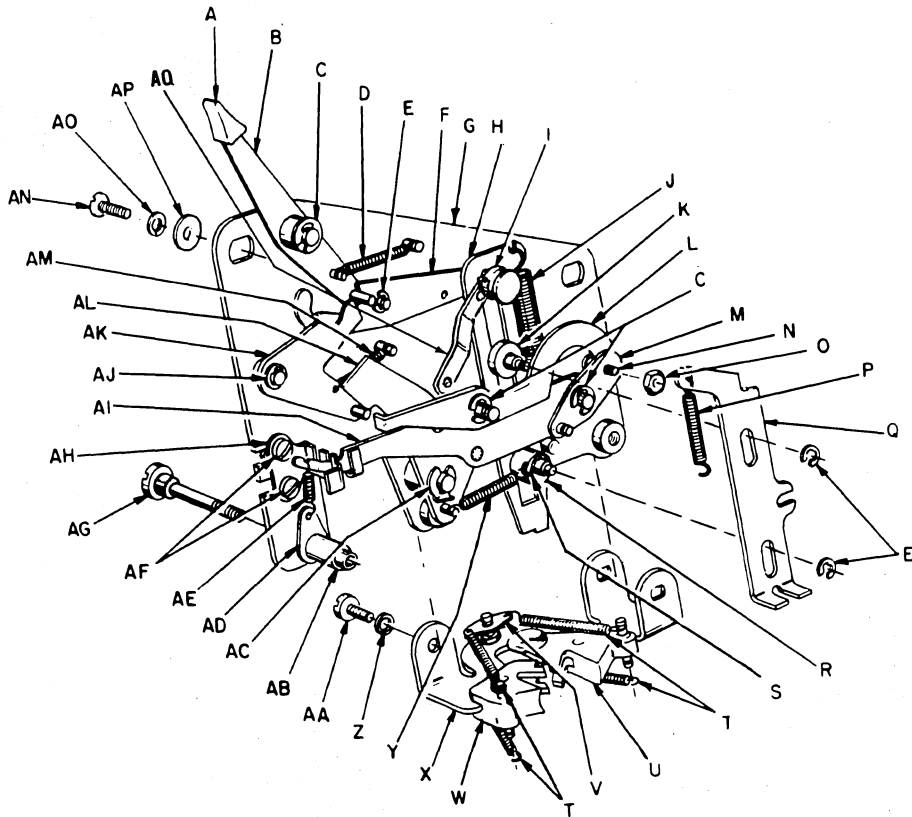


PART NUMBERS (PLATE I-15)

A	1303 1596	screw	✓ P	1533 0673	magazine channel, gray 227	Z	1328 2793	insert
B	1327 1143	retaining strip		1327 1077	magazine channel, beige 125	AA	1338 7881	nut
C	1510 7972	graduated strip		Q	1340 5550	AB	1506 0536	round nut
D	1340 5543	screw		R	1502 6115	AC	1400 5813	lockwasher
E	1511 7310	gauging magazine		S	1510 7964	✓ AD	1533 0657	cover, gray 227
F	1510 7923	magazine		T	1341 6961		1510 7758	cover, beige 125
G	1510 7980	9Y pin		U	1328 2751	AE	1017 2039	screw
	1327 2232	99Y pin		V	1328 2348	AF	1340 2326	eccentric washer
H	1017 2211	screw, use 1010 4867 screws at end positions		W	1340 6624	AG	1338 7865	nut
I	1510 7956	shaft retainer		X	1340 3845	AH	1338 7873	round nut
J	1510 7949	shaft		✓ Y	1533 0723	AI	1255 8466	screw
K	1010 3927	washer			1510 7725	AJ	1257 0990	screw
L	1256 7434	lockwasher				AK	1256 7459	lockwasher
M	1256 5230	nut				AL	1337 6611	spacer
✓ N	1533 0707	magazine channel, gray 227				AM	1256 8036	washer
	1510 7741	magazine channel, beige 125				AN	1522 8703	right end plate, for chain drive construction
O	1327 8270	gauging magazine					1511 9316	right end plate, for belt drive construction
						AO	1010 0469	nut

Carriage

PROGRAM UNIT LATCH PLATE ASSEMBLY (PLATE I-16)

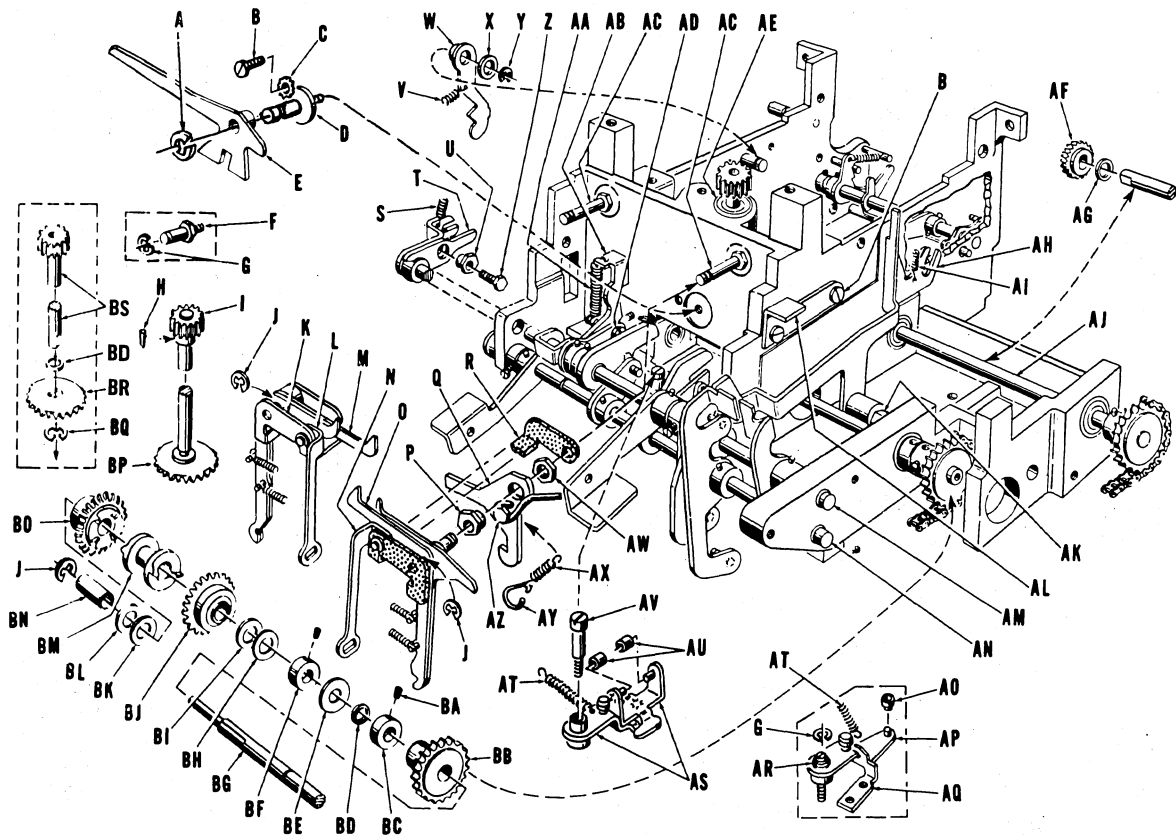


PART NUMBERS (PLATE I-16)

✓	1533 0426	complete latch plate assembly, striped ledger	K	1339 1214	post, use 1337 8591 spacer, 1256 5263 nut	Z	1256 7459	lockwasher
✓	1533 0533	complete latch plate assembly, non-striped ledger	L	1328 2579	actuating arm	AA	1340 6020	screw
✓ A	1533 0244	keytop, gray	M	1328 2561	rocker arm	AB	1522 9164	spacer
	1331 4026	keytop, beige	N	1307 2715	screw	AC	1010 0238	clip
✓ B	1506 4512	actuating arm, striped ledger	O	1010 0469	nut, use 1057 3665 washer	AD	1026 6476	spring anchor
	1328 2413	actuating arm, non-striped ledger	P	1027 7770	spring	AE	1034 6922	spring
C	1255 3152	clip	Q	1328 2587	locking slide	AF	1256 0538	screw, use 1256 7715 washer, 1256 5727 nut
D	1028 8637	spring	R	1340 2318	post, use 1337 8591 spacer, 1256 5263 nut	AG	1522 9180	shoulder screw
E	1255 3129	clip	S	1026 6344	spring anchor	AH	1328 2595	aligning comb
F	1328 2553	actuating arm	T	1026 3440	spring	AI	1328 2447	interlock arm
G	1522 9156	main plate	U	-- --	included in X	AJ	1255 3145	clip
H	1328 2470	locking slide	V	1341 2317	spring anchor	AK	1328 2462	interlock arm
I	1340 2565	eccentric limit, use 1255 7591 screw	W	-- --	included in X	AL	1328 2439	restoring arm
J	1032 8201	spring	X	1328 2504	toggle jaw assembly, includes U, W	AM	1027 3415	spring
			Y	1027 1971	spring	AN	1256 0868	screw
						AO	1256 7442	lockwasher
						AP	1256 8028	washer
						AQ	1328 2892	link

Carriage

CARRIAGE DRIVE UNIT (PLATE I-17)  
(SIDE INSERTION)



PART NUMBERS (PLATE I-17)

A	1255 3152	retaining clip	Z	1510 5927	screw	AV	1523 8512	screw, use 1256 5248 nut
B	1256 0850	screw	AA	1044 3158	spring	AW	1523 9270	nut
C	1196 7858	lockwasher	AB	1510 5398	bellcrank	AX	1027 2839	spring
D	1527 3006	flanged post	AC	1510 4995	post	AY	1026 6252	spring anchor
E	1510 5349	lever	AD	1256 0728	screw, use 1523 1269 eccentric	AZ	1523 9239	shoulder screw
F	1510 4987	post	AE	1344 5630	bearing	BA	1255 7807	setscrew
G	1255 3152	retaining clip	AF	1510 5224	gear	BB	-- --	included in BG
H	1338 8244	pin, included in I	AG	1510 5463	spacer	BC	1010 3893	set collar
I	1523 8454	gear shaft assembly, includes H, BP	AH	1510 5786	bellcrank	BD	1510 8004	spacer
J	1255 3145	retaining clip	AI	1011 3074	spring	BE	1010 6615	spacer
K	1510 5315	bellcrank	AJ	1510 5802	shaft and gear assembly	BF	1026 1220	set collar
L	1510 5331	link, use 1255 3129 clip	AK	1510 5901	post, use 1255 3152 clip	BG	1522 9107	shaft, includes BB
M	1510 5760	latch assembly	AL	1510 5026	bracket	BH	1511 6981	spacer (.003") as req.
N	1510 5323	link, use 1255 3129 clip	AM	1510 5638	return shaft assembly	BI	1511 6999	spacer (.005") as req.
O	1510 5752	latch assembly	AN	1510 5588	tab shaft assembly	BJ	1523 8561	return gear
P	1523 9262	eccentric bushing	AO	1510 5380	cam block		1526 8170	return gear, for shifting arm AP construction
Q	1523 9247	latch	AP	1510 5356	shift arm	BK	1337 1117	spacer (.003") as req.
R	1510 5307	bellcrank	AQ	1510 5414	guide, use 1256 0843 (front screw), 1010 4313 (rear screw)	BL	1337 1778	spacer (.006") as req.
S	1026 4240	spring	AR	1510 5018	post, use 1337 1117 spacer, 1256 5248 nut	BM	1523 8488	shuttle
T	1510 5661	arm	AS	1523 8751	shift arm assembly		1522 9115	shuttle, for shifting arm AP construction
U	1026 3945	eccentric	AT	1026 9785	spring	BN	1523 8504	sleeve
V	1027 7424	spring	AU	1523 8520	roller			
W	1510 5562	latch						
X	1010 4446	washer						
Y	1255 3392	retaining clip						

PART NUMBERS CONTINUED ON NEXT PAGE

Carriage

PART NUMBERS (PLATE I-17) CONTINUED

BO 1523 8595 tab gear  
 1526 8238 tab gear, for shifting  
 arm AP construction.  
 Replacement of tab  
 gear 1526 8238 re-  
 quires the use of  
 return gear 1526 8170,  
 sleeve 1523 8504 and  
 1337 1117 and  
 1337 1778 spacers  
 BP -- -- included in I  
 BQ 1255 3160 retaining clip  
 BR 1510 5208 gear  
 BS 1510 5216 shaft and gear assem-  
 bly

GEARBOX AND ESCAPEMENT UNITS (PLATE I-18)

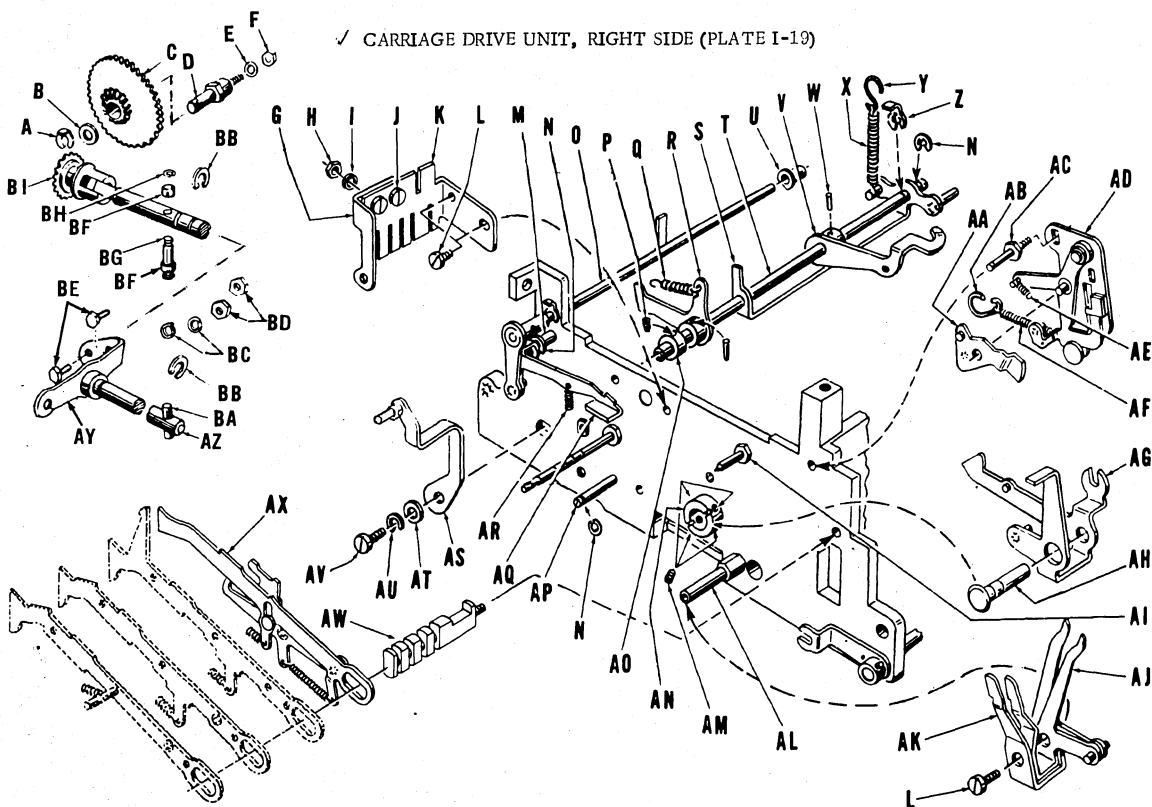
REAR INSERTION

STYLES	PART NUMBERS		REQUIREMENTS
F8111, F8126 F8111, F8126 P & PA	(not ball printer)	(ball printer)	same as F1000 after F161805P same as F1000 P & PA after F161805P
	1502 9010		
F8111, F8126 F8111, F8126 P & PA		1531 5633	none
	1502 9028	1531 5641	none

SIDE INSERTION

F8170, F8190	1526 0375		complete gearbox & escapement unit for all styles, includes 1526 0458 interlock slide. The "install" parts listed below are stan- dard to the styles shown and can be trans- ferred to the gearbox being installed.
F8170, F8190 P & PA	-- --		remove: 1526 0458 interlock slide install: 1510 5729 interlock slide 1028 8629 spring 1340 2938 screw 1341 0246 spring 1522 0999 actuator
F8160	-- --		remove: 1526 0458 interlock slide install: 1525 2422 interlock slide
F8160 P & PA	-- --		remove: 1526 0458 interlock slide install: 1525 2430 interlock slide 1028 8629 spring 1340 2938 screw 1341 0246 spring 1522 0999 actuator
F8190		1531 5682	none
F8190 P & PA		1531 5690	none

✓ CARRIAGE DRIVE UNIT, RIGHT SIDE (PLATE I-19)



✓ PART NUMBERS (PLATE I-19)

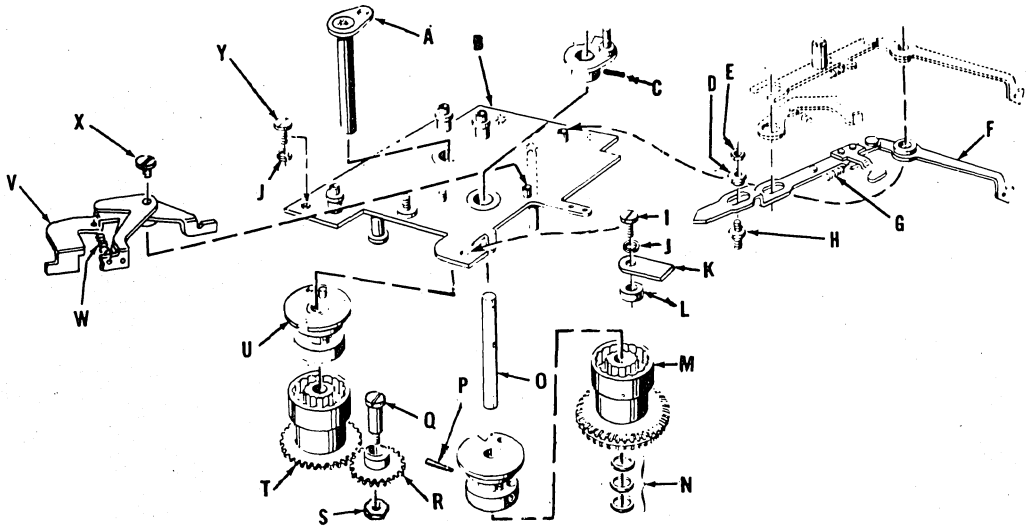
A	1010 0089	clip	AA	1511 9985	latch, .532" radius	AS	1307 3721	bellcrank, included
B	1027 2896	spacer		1511 9993	latch, .577" radius			in T
C	1307 4596	gear		1512 0009	latch, .602" radius	AT	1010 9403	washer, included
D	1525 4444	threaded post	AB	1026 6252	spring anchor			in T
E	1337 2222	lockwasher	AC	1510 5083	spring post	AU	1256 7426	lockwasher, included
F	1010 0402	nut	AD	1511 9977	tab latch assembly			in T
G	1511 9142	support	AE	1027 6855	spring	AV	1027 7507	screw, included in T
H	1256 5248	nut	AF	1028 8504	spring	AW	1512 0017	grooved post, use
I	1256 7442	lockwasher	AG	1522 5279	bail			1338 7360 nut
J	1256 0843	screw	AH	1307 6138	pivot pin	AX	1510 8038	cge. open and close
K	1511 9134	guide comb	AI	1510 5091	post			slide
L	1010 8991	screw	AJ	1510 5711	yoked bellcrank	AY	1307 4497	brace, included in
M	1510 5117	post	AK	1329 0036	yoked bellcrank			AZ
N	1255 3152	retaining clip	AL	1523 8405	post, for casting	AZ	1307 3135	shaft assembly,
O	1307 3150	shaft			having cleared hole,			includes AY, BA,
P	1255 7518	setscrew			use 1344 5622 washer,	BA	1342 8479	BB, BF, BG, BH
Q	1014 7650	spring			1256 5263 nut			pin, included in AZ
R	-- --	included in T				BB	1300 1441	clip, included in AZ
S	1510 8020	bail, included in T				BC	1337 2222	lockwasher
T	1510 8012	shaft assembly, in-				BD	1010 0410	nut
		cludes R, S, V, W,				BE	1017 1726	screw
		Z, AS thru AV				BF	1342 7299	roller, included in
U	1526 3874	bushing	AM	1255 7625	setscrew			AZ
V	-- --	included in T	AN	1510 5141	standoff	BG	1307 6005	pin, included in AZ
W	1010 5625	pin, included in T	AO	1337 9656	set collar	BH	1342 6739	wire ring, included
X	1026 9363	spring	AP	1510 5109	post			in AZ
Y	1026 6344	spring anchor	AQ	1307 4828	interlock	BI	1307 5247	bevel gear
Z	1010 0238	retaining clip	AR	1028 7670	spring			

Carriage

PART NUMBERS (PLATE 1-19) CONTINUED

BE 1526 4450 bellcrank	BL 1307 3135 shaft assembly,	BO 1342 7299 roller, included in
BF 1526 5929 mounting plate	includes BJ, BK, BM,	BL
BG 1527 1992 switch mounting plate	BO, BP, BQ	BP 1307 6005 pin, included in BL
BH 1010 0410 nut	BM 1307 4497 brace, included in	BQ 1342 6739 wire ring, included
BI 1337 2222 lockwasher	BL	in BL
BJ 1300 1441 clip, included in BL	BN 1017 1726 screw	BR 1307 5247 bevel gear
BK 1342 8479 pin, included in BL		

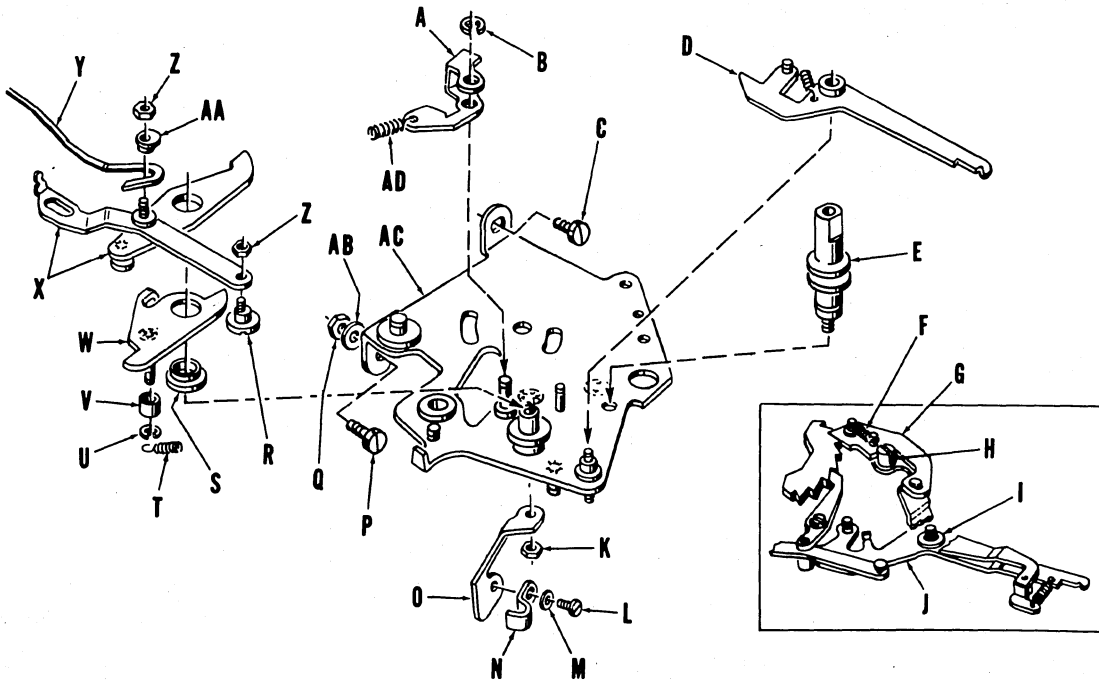
CARRIAGE DRIVE UNIT TOP PLATE (PLATE I-20)



PART NUMBERS (PLATE I-20)

A 1510 5539 shaft assembly, includes U	J 1256 7442 lockwasher
B 1526 3866 top plate	K 1510 5471 plate
C 1026 7185 pin	L 1337 5134 spacer
D 1044 2937 eccentric collar	M 1510 5844 gear and clutch assembly
E 1256 5198 nut	N 1510 5463 spacer, as required
F 1510 5729 shown, F8170	O 1510 5489 shaft assembly, includes C and P
& F8190 P & PA	P 1307 5627 pin
1526 0458 F8170, F8190	Q 1340 5394 screw
1525 2430 F8160 P & PA	R 1522 7101 gear
1525 2422 F8160	S 1338 7360 nut
✓ 1502 7600 F8111, F8126 P & PA	T 1510 5885 gear and clutch assembly
✓ 1502 7584 F8111, F8126	U -- -- included in A
G 1027 6392 spring	V 1526 1837 switch actuator
1341 0246 spring, for P & PA	W 1028 8629 spring
H 1510 5133 threaded post	X 1340 2938 screw
I 1256 0884 screw	Y 1256 0850 screw

CARRIAGE DRIVE UNIT - ESCAPEMENT UNIT (PLATE I-21)

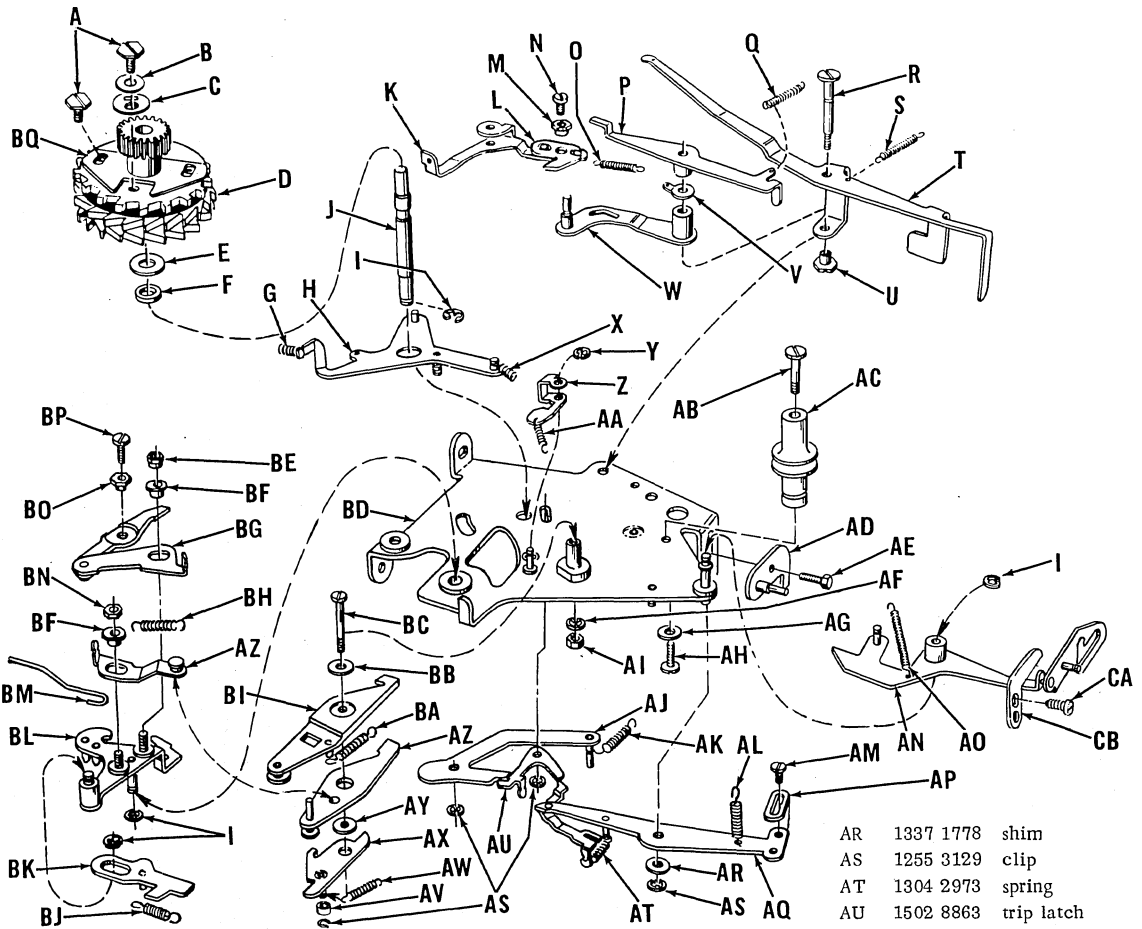


PART NUMBERS (PLATE I-21)

1523 6276	escapement unit assembly with timing latch A construction after serial F158339P	M	1256 7442	lockwasher
1511 1651	escapement unit assembly without timing latch A construction before serial F158400P	N	1340 6525	cable clamp
A	1523 5898	O	1510 5406	bracket
B	1255 3103	P	1027 6525	screw
C	1010 5401	Q	1010 0428	nut
D	1523 5989	R	1523 6029	eccentric screw
E	1510 5794	S	1523 5997	spacer
F	1027 3423	T	1026 9769	spring
G	1523 3208	U	1255 3129	retaining clip
H	1523 3182	V	1522 5246	roller
I	1034 4604	W	1523 5906	escapement latch
J	1523 4040	X	1523 6060	tabulate latch
K	1010 0386	Y	1523 9254	wire link
L	1256 0868	Z	1010 0378	nut
		AA	1340 1427	eccentric bushing
		AB	1303 9904	spacer
		AC	1523 5922	auxiliary top plate for timing latch A, after serial F158339P
		--	--	Before serial F158400P, use 1523 5922 top plate, 1523 5997 spacer for machines without timing latch A

Carriage

✓ CARRIAGE DRIVE UNIT - ESCAPEMENT UNIT - BALL PRINTER - (PLATE I-22)



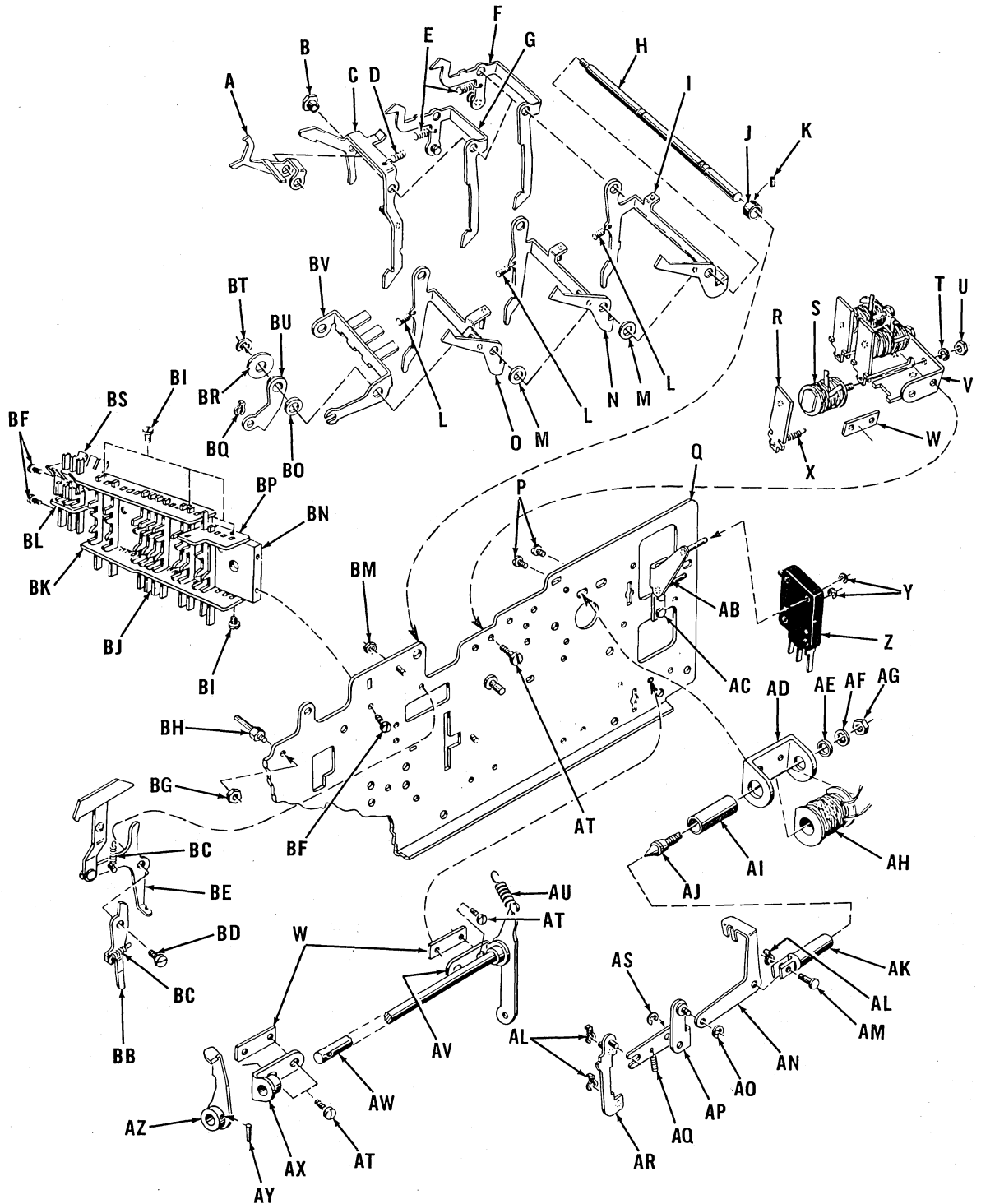
✓ PART NUMBERS (PLATE I-22)

1504 1650	complete escapement unit, F8111, F8126	V	1010 0022	spring anchor	AR	1337 1778	shim	
1504 1676	complete escapement unit, F8190	W	1502 0514	backspace arm	AS	1255 3129	clip	
A	1340 3464	screw	X	1027 6566	spring	AT	1304 2973	spring
B	1010 4503	washer	Y	1255 3103	clip	AU	1502 8863	trip latch
C	1329 1745	eccentric disk	Z	1523 5898	timing latch	AV	1522 5246	roller
D	1504 1445	escapement ratchet	AA	1304 2973	spring	AW	1026 9769	spring
E	1010 4149	shim	AB	1049 1777	screw	AX	1523 5906	escapement latch
F	1341 7654	collar	AC	1329 1752	tapped post, F8111, F8126	AY	1523 5997	shoulder spacer
G	1018 0768	spring		1510 5794	post, F8190	AZ	1504 1692	tab latch
H	1329 2131	backspace arm	AD	1329 2404	bracket	BA	1340 8901	spring
I	1255 3152	clip	AE	1343 0087	crew, use 1010 0428	BB	1010 3927	spacer
J	1510 8103	post				BC	1018 0008	screw
K	1503 7658	backspace arm	AF	1256 7734	lockwasher	BD	1504 8655	top plate, F8111, F8126
L	1503 7641	latch	AG	1256 7731	lockwasher		1504 1841	top plate, F8190
M	1010 8751	eccentric	AH	1028 8793	screw	BE	1338 7535	shoulder nut
N	1025 5461	screw	AI	1256 5230	nut	BF	1340 1427	eccentric bushing
O	1027 6921	spring	AJ	1502 8871	actuator arm	BG	1504 1825	latch
P	1502 0506	actuating arm	AK	1027 2953	spring	BH	1026 9777	spring
Q	1026 9900	spring	AL	1524 0740	spring	BI	1504 1726	latch
R	1341 7639	screw	AM	1018 0107	screw	BJ	1013 9335	spring
S	1027 6798	spring	AN	1504 2047	cam arm	BK	1504 1767	slide
T	1504 1866	bellcrank	AO	1027 6566	spring	BL	1504 1742	latch assembly
U	1056 0191	shoulder nut	AP	1503 7997	adjustment plate	BM	1504 1874	wire link
			AQ	1503 8029	arm assembly	BN	1010 0386	nut
						BO	1504 1809	eccentric collar
						BP	1340 5923	screw
						BQ	1504 9950	stop assembly
						CA	1256 0694	screw, use 1256 5230
						CB	1504 1981	nut guide plate



Sensing Unit

SENSING UNIT (PLATE II-1)



PART NUMBERS ON NEXT PAGE

Sensing Unit

PART NUMBERS (PLATE II-1)

- ✓ Complete sensing unit assemblies
- 1525 6183 F8190, except ball printer
- 1525 2042 F8160
- 1502 9572 F8111, except ball printer
- 1502 9598 F8126, except ball printer
- 1502 9580 F8126 P & PA, except ball printer
- 1504 1270 F8111, F8126, ball printer
- 1504 1288 F8111, F8126 P & PA, ball printer
- 1504 1403 F8190, ball printer
- 1504 1395 F8190 P & PA, ball printer
- A 1333 5047 normalizing bail
- B 1338 7725 shoulder nut
- C 1502 8889 back space bail
- D 1027 6566 spring, use 1026 6377 spring anchor
- E 1026 9884 spring
- F 1333 4701 latch, lane 2
- G 1333 4735 latch, lane 5
- H 1510 2155 for F8160 } shaft
- 1333 5823 for F8111, F8126 }
- I 1333 4792 return bail, lane 30
- J 1337 9656 set collar
- K 1255 7526 set screw
- L 1026 9355 spring
- M 1303 9854 washer
- N 1333 4784 return bail, lane 29
- O 1333 4743 return bail, lane 28
- P 1340 3852 screw
- ✓Q -- -- back plate
- R 1333 6581 clapper
- S 1340 7846 solenoid assembly
- T 1256 7459 lockwasher
- U 1342 8370 nut
- V 1333 6011 bracket
- W 1333 5898 tapped blank
- X 1026 9306 spring
- Y 1255 3103 clip
- Z 1341 1921 switch
- AB 1510 1892 bracket
- AC 1256 0694 screw, use 1256 7434 lockwasher and  
1256 5230 nut
- AD 1326 1524 bracket
- AE 1028 7514 spacer
- AF 1256 7715 lockwasher
- AG 1256 5289 nut
- AH 1326 1664 solenoid
- AI 1326 1540 sleeve
- AJ 1326 1516 screw
- AK 1331 8480 plunger
- AL 1010 0212 clip
- AM 1338 8525 pin

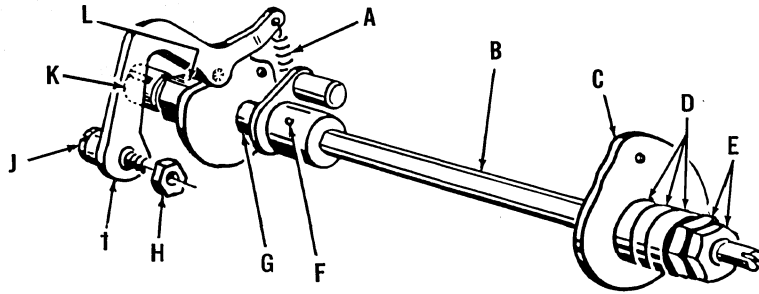
- ✓ AN 1510 2312 link
- 1504 1353 link, ball printer
- AO 1255 3129 clip
- AP 1510 2296 bellcrank
- AQ 1027 6582 spring
- AR 1510 2205 link
- AS 1255 3145 clip
- AT 1010 9981 screw
- AU 1340 9107 spring
- AV 1336 7537 bracket, included in AW
- AW 1336 7529 for F8160 } shaft assembly,
- 1506 9313 for F8111, F8126 } includes AV thru AZ
- AX 1336 7545 for F8160 } bracket, included in AW
- 1506 9321 for F8111, F8126 }
- AY 1010 0659 pin, included in AW
- AZ -- -- included in AW
- BB 1333 5955 finger
- BC 1026 9751 spring
- BD 1028 7878 shoulder screw
- ✓ BE 1502 9507 skid, .4"
- 1333 5922 skid, 1"
- BF 1303 1364 screw
- ✓ BG 1010 0378 nut, use 1533 5409 support
- BH 1333 5740 hex post
- BI 1010 3380 screw
- BJ

TAPPETS

Lane of Control	Tappet
3	1511 6759
4	1511 6775
5	1511 6767
6 thru 20	1333 4842
21	1333 4875
22, 23	1333 4867

- BK 1333 4537 guide plate
- BL 1304 3799 guide plate
- BM 1010 0386 nut
- ✓ BN 1304 4854 block only
- 1333 5245 complete assembled tappet unit, except  
F8190, includes BI, BJ, BK, BL, BN, BP, BS
- 1525 6209 complete assembled tappet unit, F8190,  
includes BI thru BL, BN, BP, BS
- BO 1304 4516 space collar
- BP 1333 4552 guide plate
- BQ 1010 0212 clip
- BR 1030 6298 washer
- BS 1333 4545 guide plate
- BT 1255 3152 clip
- BU 1333 6920 arm
- BV 1333 5963 bail

SENSING CAMSHAFTS (PLATE II-2)



PART NUMBERS (PLATE II-2)

1525 2059 for F8160  
1506 5873 for F8111, F8126 } complete sensing camshaft assembly

A 1027 7457 spring  
B 1333 4057 camshaft

C SENSING CAMS:

Lane of Control	Cam
6	1333 4305
7	1304 3245
8	1333 4305
9	1329 3360
10	1333 4305
11	1304 3245
12	1304 3252
13	1304 3278
14	1304 3260
15	1304 4219
16	1333 4354

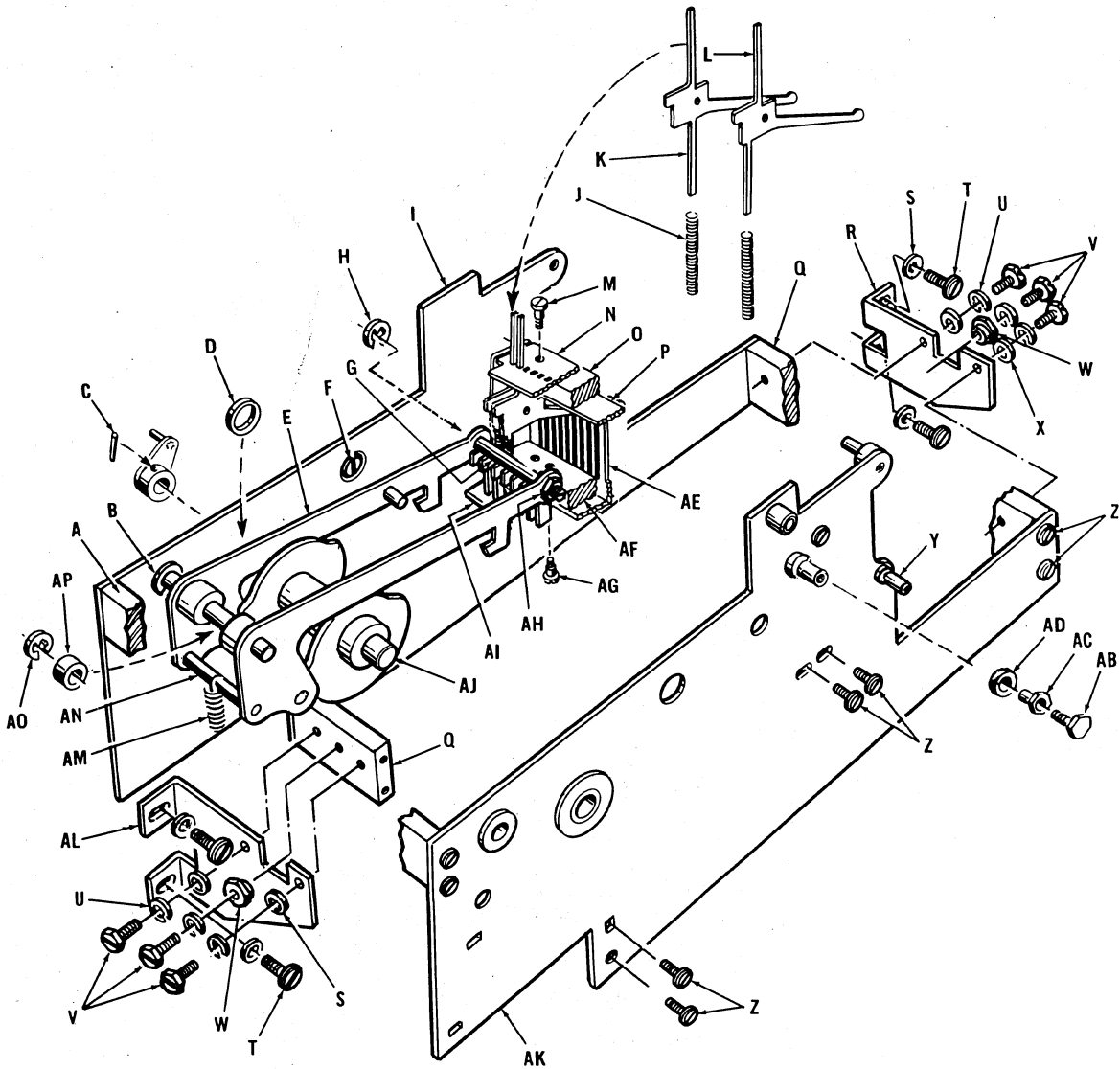
17 1509 1622 for F8111, F8126  
18 1304 3260  
19 1304 3245  
20 1333 4305  
21 1304 3286  
23 1333 4321  
24 1509 1630  
25 1304 3302

D 1304 4466 .075" spacer, use between cams in adjacent lanes of control  
1010 9924 .125" spacer, use where cam is omitted

E 1304 4573 nut  
F 1034 8852 pin  
G 1342 7349 sleeve  
H 1010 0360 nut  
I 1304 3765 detent  
J 1506 0775 eccentric shoulder screw  
K 1304 4680 coupling  
L 1342 8263 nut

Sensing Unit

AUXILIARY SENSING LANE UNIT (PLATE II-3)



PART NUMBERS (PLATE II-3)

1506 6053 for F8111 } complete sensing  
 1507 1368 for F8126 } unit assembly

A 1506 5980 mounting bar  
 B 1255 3178 clip  
 C 1010 0501 pin  
 D 1511 2758 spacer  
 E 1506 6111 tappet bail  
 F 1506 6988 screw  
 G 1506 6145 eccentric shaft  
 H 1255 3129 clip  
 ✓ I 1506 6061 for F8111 } front plate  
     1507 1400 for F8126 }  
 J 1511 6502 tappet spring  
 K 1511 6528 tappet, lanes 32, 34, 36  
 L 1511 6510 tappet, lanes 31, 33, 35  
 M 1506 6046 shoulder screw, use 1010 0378 nut  
 N 1506 6004 tappet guide plate

O 1506 5980 mounting bar  
 P 1506 6038 limit plate  
 Q 1506 5998 mounting bar  
 R 1506 6749 bracket  
 S 1010 4966 washer  
 T 1340 5675 screw  
 U 1256 7459 lockwasher  
 V 1316 4967 screw  
 W 1026 0248 eccentric  
 X 1307 0255 washer  
 Y 1506 6103 limit stud, use 1256 7434 lockwasher and  
     1010 0386 nut  
 Z 1304 2767 screw  
 AB 1340 4710 screw  
 AC 1506 6970 eccentric bushing

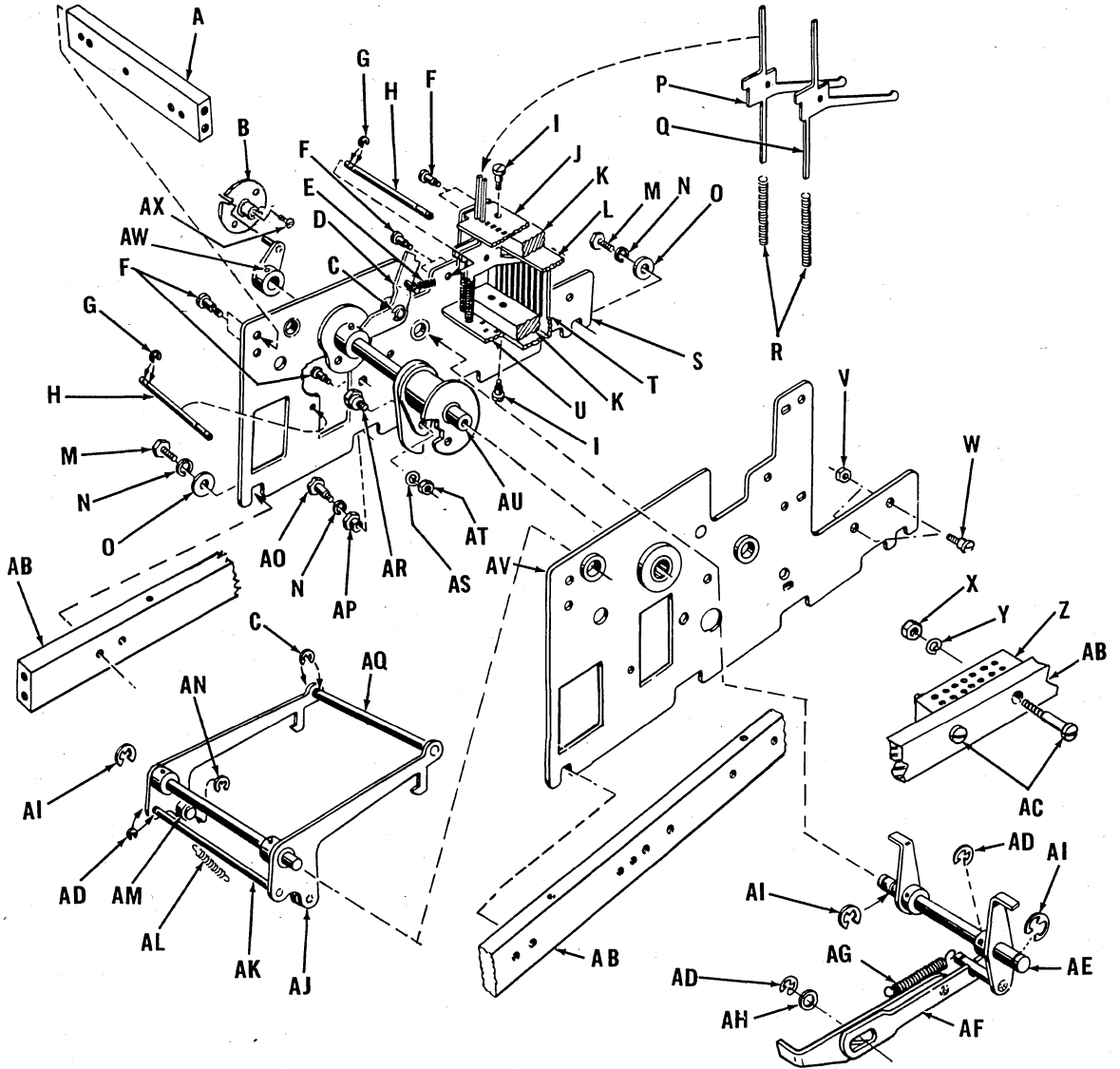
PART NUMBERS CONTINUED ON NEXT PAGE

Sensing Unit

PART NUMBERS (PLATE II-3) CONTINUED

AD	1506 6962	roller	AK	1506 6079	back plate
AE	1506 6020	tappet guide comb	AL	1506 6731	bracket
AF	1506 5980	mounting bar	AM	1027 6830	spring
AG	1048 8716	screw	AN	1506 6160	shaft, use 1255 3129 clips
AH	1010 0386	nut, use 1256 7434 lockwasher	AO	1255 3160	clip
AI	1506 6012	tappet guide plate	AP	1511 6494	roller
AJ	1506 6178	for F8111			
	1507 1418	for F8126, F8128			

AUXILIARY SENSING LANE UNIT, 66 LANE STYLES (PLATE II-4)



PART NUMBERS (PLATE II-4)

✓	1525 3925	complete sensing unit assembly	D	1525 2380	rebound latch	I	1316 5089	shoulder screw
A	1525 2372	tie bar	E	1027 3209	spring	J	1510 4607	tappet guide
B	1333 6813	coupler	F	1340 3878	screw	K	1510 4581	tie bar
C	1255 3152	clip	G	1255 3384	clip			
			H	1511 7245	shaft			

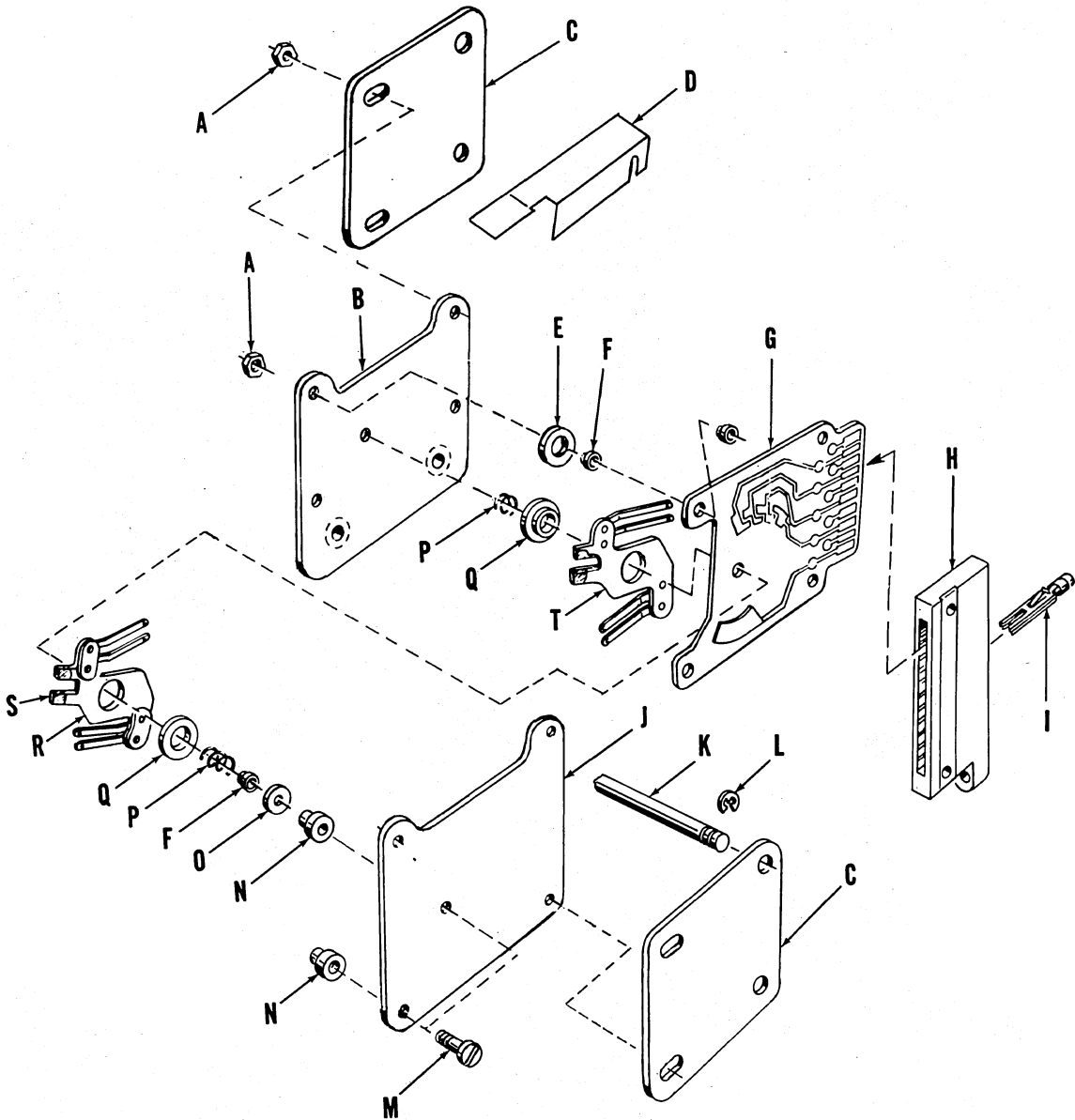
PART NUMBERS CONTINUED ON NEXT PAGE

Sensing Unit

PART NUMBERS (PLATE II-4) CONTINUED

L	1511 0174	tappet plate, use 1256 0843 screws	X	1010 0329	nut	AL	1027 6830	spring
M	1340 3142	screw	Y	1256 7723	lockwasher	AM	1511 6494	roller
N	1256 7459	lockwasher	Z	1338 9663	terminal block	AN	1255 3400	clip
O	1256 8028	washer	AB	1525 2729	tie bar	AO	1316 4967	shoulder screw
P	1511 6528	tappet	AC	1018 0008	screw	AP	1026 0248	eccentric
Q	1511 6510	tappet	AD	1255 3129	clip	AQ	1510 4763	shaft
R	1511 6502	spring	AE	1525 2273	latching shaft	AR	1507 1525	eccentric screw
S	1525 2224	front plate	AF	1507 1467	slide	AS	1256 7442	lockwasher
T	1510 4615	tappet guide	AG	1340 9909	spring	AT	1338 7360	nut
U	1511 6536	tappet guide	AH	1010 8579	washer	AU	1525 2315	camshaft assembly
V	1256 5230	nut	AI	1255 3178	clip	AV	1525 2240	back plate
√W	1010 9791	screw	AJ	1511 7435	drive arm	AW	1010 0501	pin
			AK	1510 4714	shaft	AX	1526 1167	screw

ELECTRICAL SENSING LANE UNIT, 38 LANE STYLES (PLATE II-5)



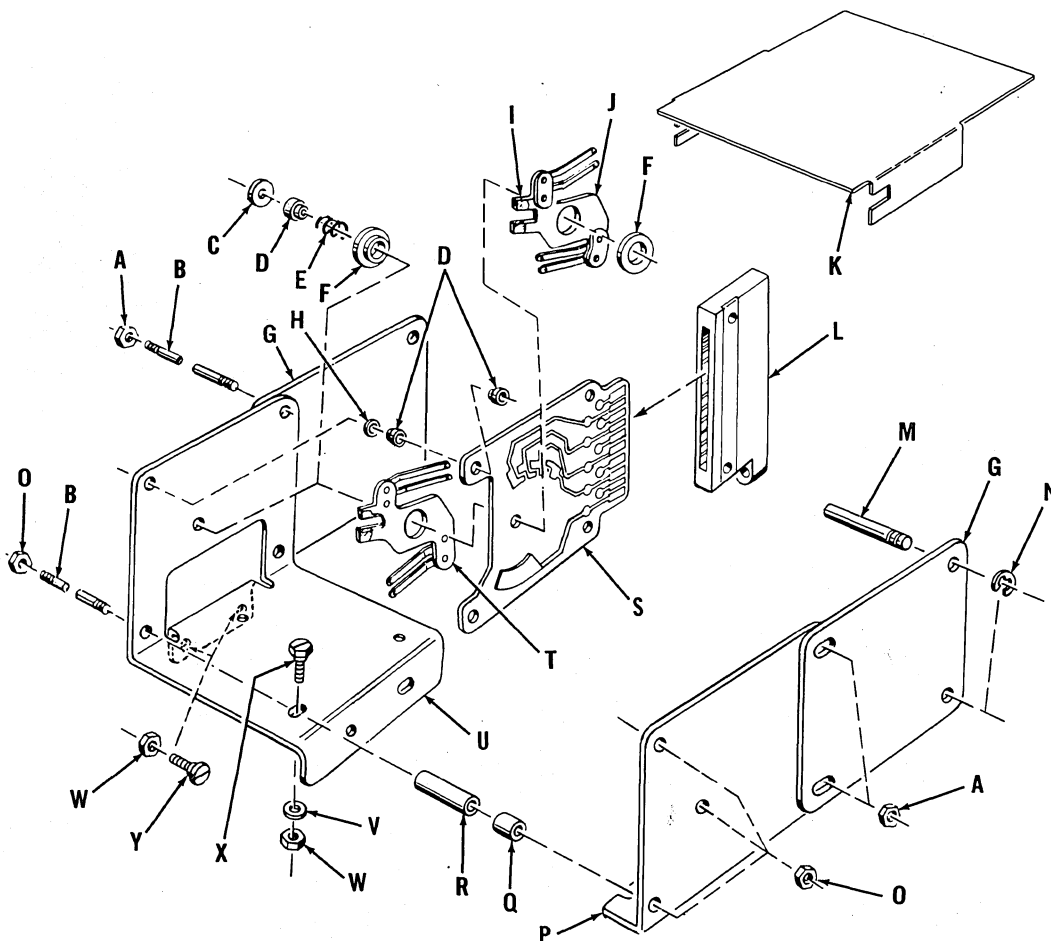
PART NUMBERS ON NEXT PAGE

## Sensing Unit

## PART NUMBERS (PLATE II-5)

1506 5857	for F8111	} complete printed circuit board assembly	E	1510 8426	spacer	M	1506 5832	screw
1507 3109	for F8126		F	1510 8400	bushing	N	1506 5824	shoulder spacer
			G	1511 9472	printed circuit board	O	1315 8159	spacer
A	1256 5230	nut	H	1511 9498	connector block	P	1316 6749	compression spring
B	1506 5808	mounting plate	I	1511 9506	connector	Q	1510 8418	nylon bushing
C	1522 5121	plate	J	1506 5816	mounting plate	R	1510 8483	wiper contact
D	1506 7994	dust shield	✓K	1506 8000	shaft	S	1511 6544	insulator
			L	1255 3137	clip	T	1510 8467	wiper contact

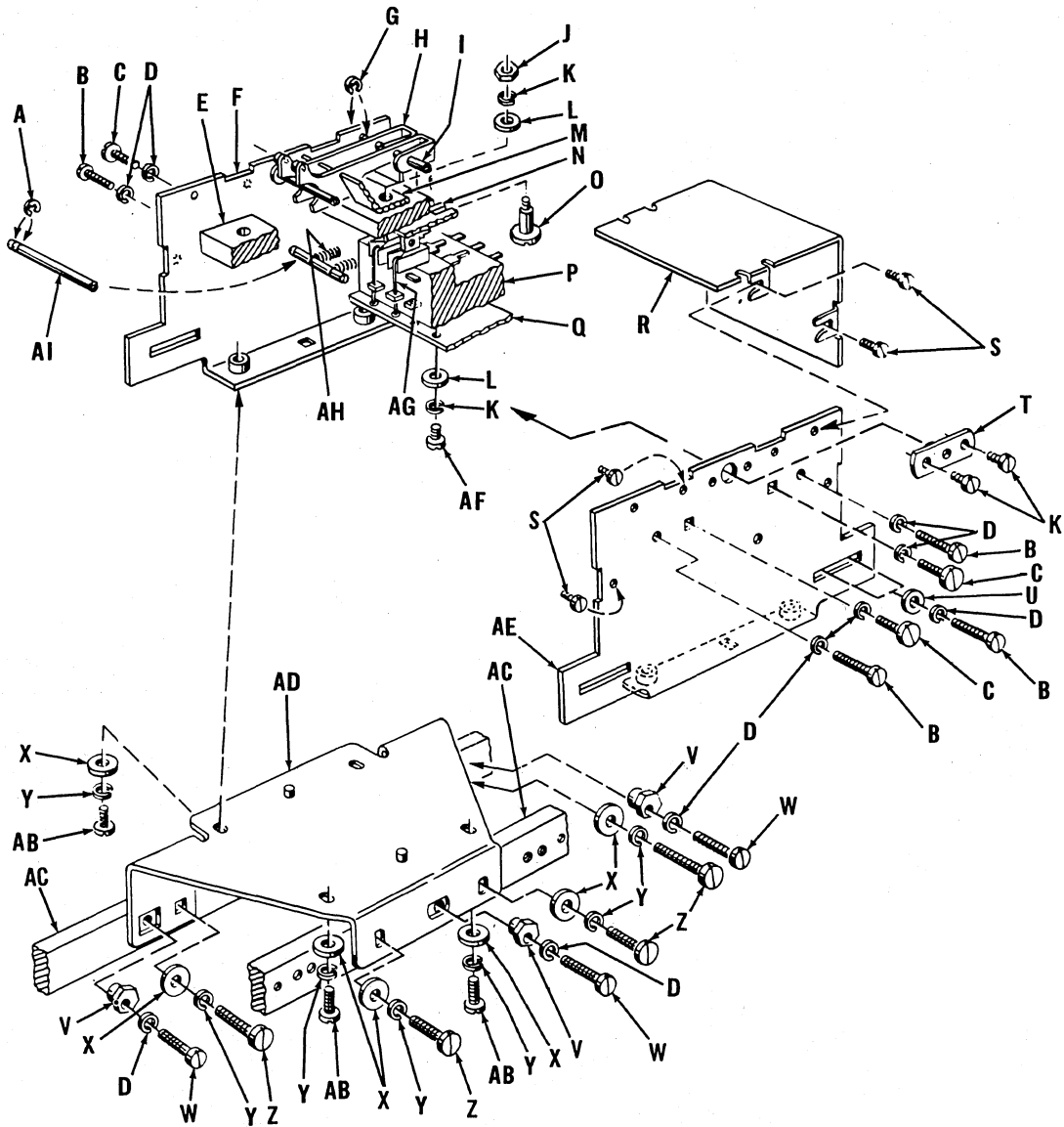
## ELECTRICAL SENSING LANE UNIT, 66 LANE STYLES (PLATE II-6)



## PART NUMBERS (PLATE II-6)

1525 2398	complete printed circuit board assembly	J	1510 8483	wiper contact	S	1511 9472	printed circuit board	
A	1010 0378	nut	K	1522 8976	dust shield	T	1510 8467	wiper contact
B	1510 8459	shaft	L	1511 9498	connector block	U	1510 8442	bracket
C	1315 8159	spacer	M	1522 5113	shaft	V	1256 7459	lockwasher
D	1510 8400	bushing	N	1255 3152	clip	W	1256 5248	nut
E	1316 6749	compression spring	O	1510 8434	bracket	X	1316 5311	shoulder screw
F	1510 8418	nylon bushing	P	1337 5738	spacer	Y	1010 9791	screw
G	1522 5121	plate	R	1326 8198	spacer			
H	1510 8426	spacer						
I	1511 6544	insulator						

NON-SENSING SWITCH ASSEMBLY (PLATE II-7)



PART NUMBERS (PLATE II-7)

1522 1120	complete non-sensing switch assembly	M	1511 1156	shown, for odd number lanes	} guide comb
		N	1522 0361	for even number lanes	
A	1255 3129 clip	O	1510 8889	guide comb	
B	1510 8863 screw	P	1026 1386	screw	
C	1340 5923 screw	Q	1510 8723	contact block	
D	1256 7442 lockwasher	R	1510 8780	fiber board	
E	1510 8871 tie bar	S	1510 8756	cover	
F	1510 8707 front plate	T	1321 7013	screw	
G	1255 3103 clip	U	1510 8798	aligning plate	
H	1510 8806 shown, for odd number lanes	V	1032 6056	washer	} switch
I	1512 0306 for even number lanes	W	1511 2030	eccentric bushing	
J	1510 8764 shaft	X	1510 8863	screw	
K	1256 5230 nut	Y	1256 8028	washer	
L	1256 7434 lockwasher	Z			
M					
N					
O					
P					
Q					
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U					
V					
W					
X					
Y					
Z					



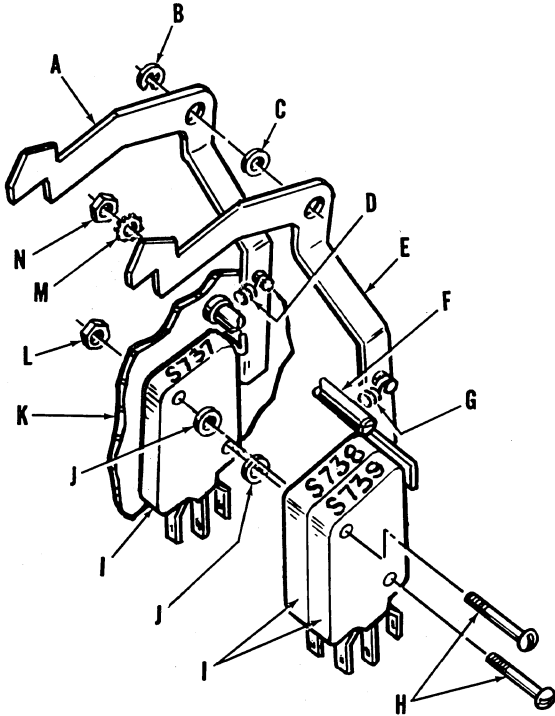
Sensing Unit

PART NUMBERS (PLATE II-7) CONTINUED

Y	1256 7459	lockwasher	AC	1525 2729	tie bar
Z	1256 1122	screw	AD	1510 9077	bracket
AB	1256 1106	screw	AE	1510 8699	back plate
✓AC	1525 2729	mchs without E	AF	1256 0686	screw
		core pulse generator	AG	1511 1164	contact wire
	1529 0521	mchs with E core	AH	1510 8855	spring
		pulse generator	AI	1510 8772	shaft

} tie bar

ELECTRICAL NON-SENSING LANES (PLATE II-8)

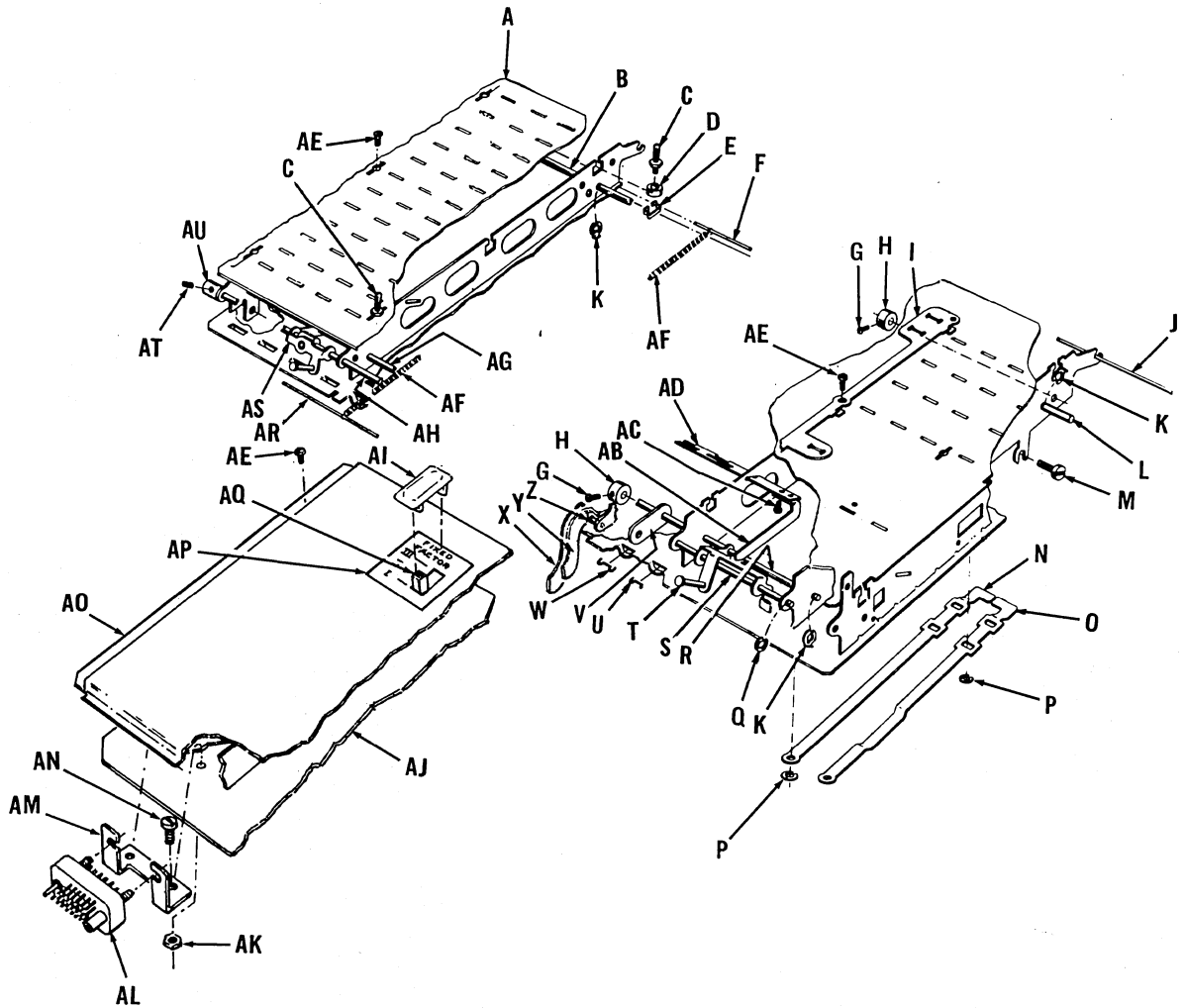


PART NUMBERS (PLATE II-8)

A	1506 5964	switch actuating arm, lane 37
B	1255 3152	clip
C	1304 4516	spacer
D	1340 9982	spring
E	1506 5972	switch actuating arm, lane 38
F	1506 6103	limit stud
G	1014 7650	spring
H	1340 3902	screw
I	1341 1848	switch
J	1017 2856	spacer
K	1506 6079	sideframe, right
L	1256 5180	nut
M	1256 7434	lockwasher
N	1010 0386	nut

Keyboard

KEYBOARD CONSTRUCTION (PLATE III-1)



PART NUMBERS (PLATE III-1)

A	1506 5758	before F178585P	} upper keyboard plate	S	1329 3071	shaft
	1525 7322	after F178584P		T	1301 2729	bail
B	1329 2891	shaft	U	1341 2275	spring anchor	
C	1341 7258	pilot screw	V	1341 9213	link	
D	1341 1087	nut	W	1341 2200	spring anchor	
E	1011 3538	retaining clip	X	1506 7531	slide, col. 0 for "M" key	
F	1301 0533	shaft	Y	1506 7523	slide, col. 0 for "C" key	
G	1010 8967	screw	Z	1506 7549	actuating slide, col. 0	
H	1015 4920	set collar, includes G	AB	1301 2703	arm	
I	1329 5373	guide strip	AC	1010 9247	screw	
J	1329 3022	shaft	AD	1301 2653	slide	
K	1010 0220	clip	AE	1012 0178	screw	
L	1329 2966	shaft	AF	1012 0301	for all columns except	
M	1301 9542	rear (shown); also for			control key column	
		right and left front			} spring	
	1343 0277	left rear, only		1301 9666	for control key column	
N	1301 0624	interlock	AG	1329 2933	shaft	
O	1301 0616	interlock	AH	1331 5908	shaft	
P	1010 0154	clip	AI	1507 9882	keyboard plug	
Q	1255 3129	clip	AJ	1506 7564	lower keyboard plate	
R	1329 2933	shaft				

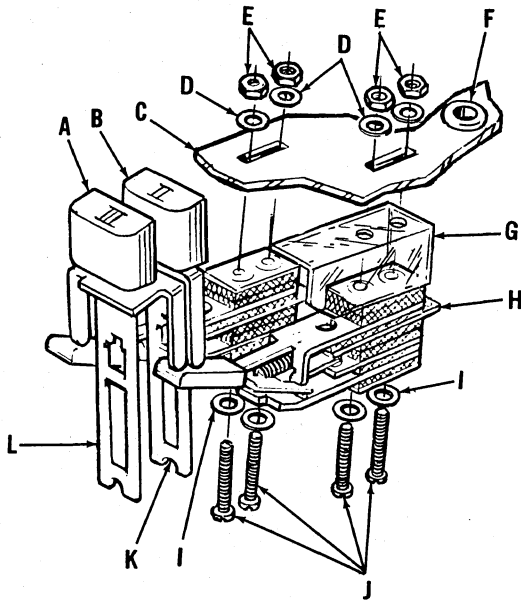
PART NUMBERS CONTINUED ON NEXT PAGE

Keyboard

PART NUMBERS (PLATE III-1) CONTINUED

AK	1256 5248	nut		AP	1507 9999	3 position	} decal
AL	1266 8133	male	} plug		1507 9965	2 position	
	1311 6199	female		AQ	1507 8702	switch	
AM	1507 9791	bracket		AR	1301 0525	shaft	
AN	1256 0843	screw	AS	1329 4947	date repeat lever		
✓AO	-- --	refer to "BASE AND CASE"	AT	1255 7815	screw		
			AU	1301 9468	set collar, includes AH		

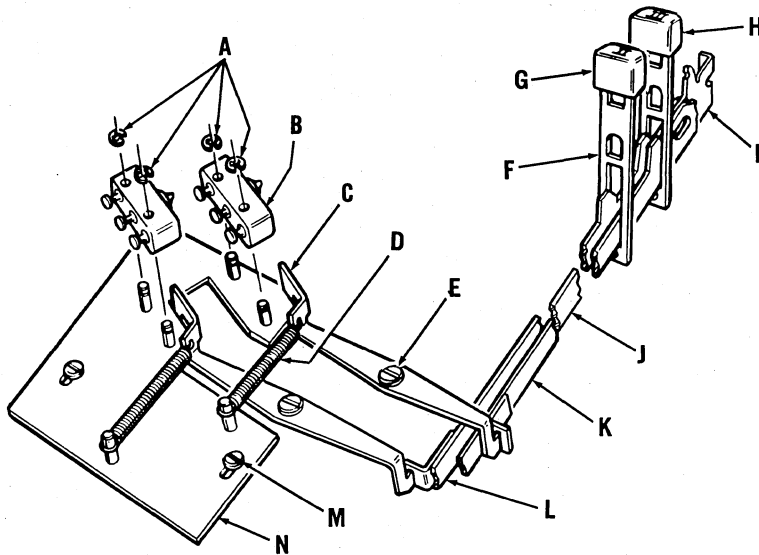
FIXED FACTOR, GROUP SELECT KEYS - DESIGN NO. 1 (PLATE III-2)



PART NUMBERS (PLATE III-2)

✓A	1507 9080	keytop, ivory 300/red 401	
	1533 4006	keytop, gray 241/red 426	
✓B	1507 8785	keytop, ivory 300/red 401	
	1533 4022	keytop, gray 241/red 426	
C	1506 5758	upper keyboard plate	
D	1256 7400	lockwasher	
E	1256 5180	nut	
F	1507 8710	grommet	
G	1507 8728	insulator	
H	1508 0013	switch	
I	1256 7970	washer	
J	1256 0207	screw	
K	1507 9056	shown, col. 12 pos. 11, (for fixed factors construction)	} II group select keystem
	1507 8769	col. 12 pos. 12, (for 18 fixed factors construction)	
L	1507 9072	III group select keystem; col. 12 pos. 12, for 27 fixed factor construction	

FIXED FACTOR, GROUP SELECT KEYS - DESIGN NO. 2 (PLATE III-3)

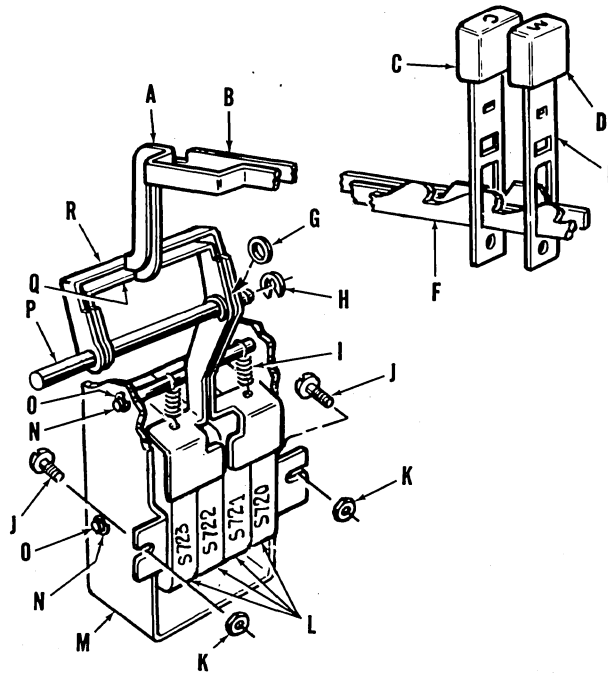


PART NUMBERS (PLATE III-3)

A	1255 3103	clip
✓B	1063 6827	switch, use 1526 1902 insulator
C	1525 7280	actuator arm
D	1028 8504	spring
E	1340 3555	shoulder screw, use 1337 1422 spacer
F	1301 3438	keystem
✓G	1507 8785	keytop, ivory 300/ red 401
	1533 4022	keytop, gray 241/ red 426
✓H	1507 9080	keytop, ivory 300/ red 401
	1533 4006	keytop, gray 241/ red 426
I	1525 7314	locking slide
J	1525 7256	limit strip
K	1525 7348	slide
L	1525 7355	slide
M	1256 0686	screw
N	1525 7264	mounting plate

Keyboard

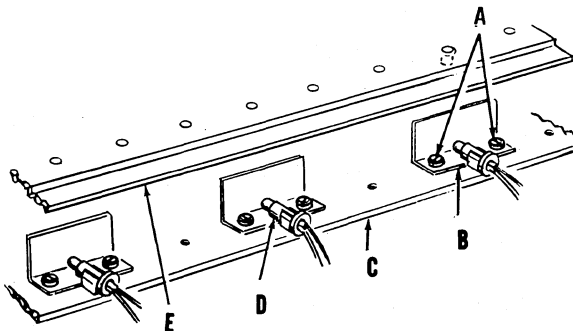
C AND M KEYS (PLATE III-4)



PART NUMBERS (PLATE III-4)

A	1506 7523	keyboard slide, col. 0 for "C" key	I	1014 7650	spring
B	1506 7531	keyboard slide, col. 0 for "M" key	J	1256 1098	screw
✓ C	1330 5164	keytop, ivory/red 401	K	1256 5263	nut
	1528 5232	keytop, gray/red 426	L	1343 1143	switch
✓ D	1330 5149	keytop, ivory/red 401	M	1506 7465	switch mounting bracket
	1528 5224	keytop, gray/red 426	N	1255 3103	clip
E	1301 3438	keystem	O	1506 7507	shaft
F	1506 7549	actuating slide, col. 0	P	1506 7473	shaft
G	1506 7515	spacer	Q	1506 7499	switch actuator bail, inner
H	1255 3129	clip	R	1506 7481	switch actuator bail, outer

DECIMAL INDICATOR LIGHTS (PLATE III-5)

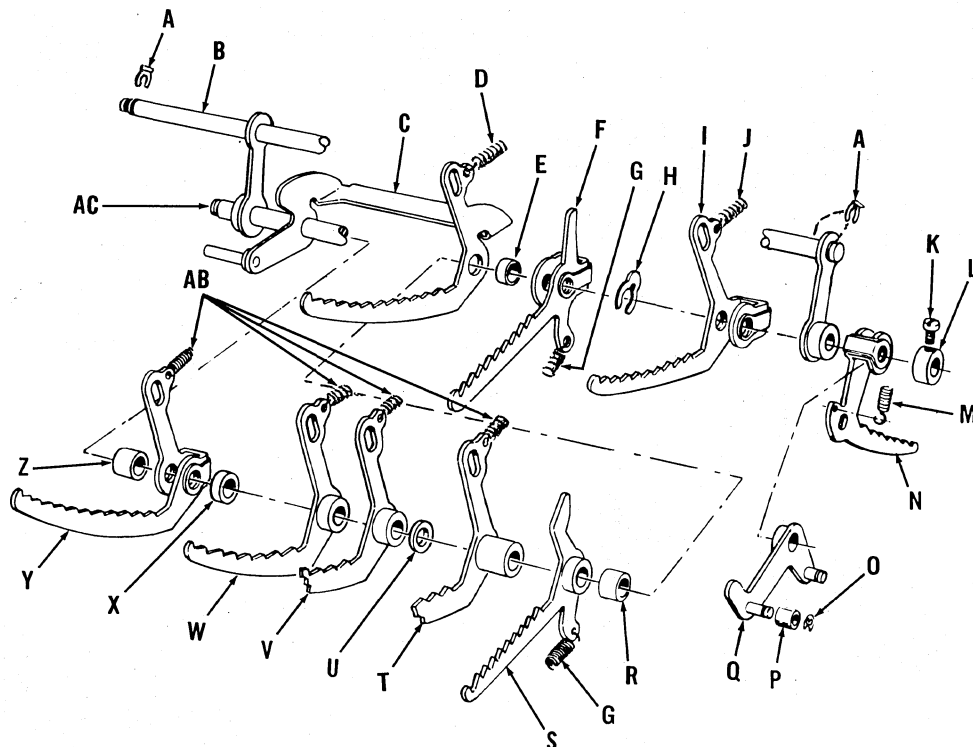


PART NUMBERS (PLATE III-5)

A	1256 0322	screw, use 1256 5206 nut
B	1510 9796	single position } lamp bracket
	1525 2919	three position }
C	1506 7564	lower keyboard plate
D	1511 1180	lamp
E	1506 5758	upper keyboard plate

Keyboard

INDEX RACKS, SPACERS AND SECTOR LOCK ASSEMBLY (PLATE III-6)

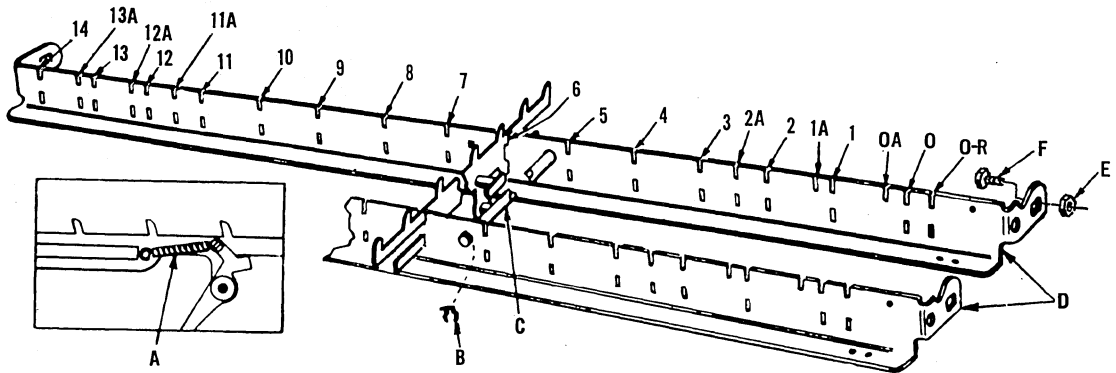


✓ PART NUMBERS (PLATE III-6)

A	1010 0238	clip	✓ Q	1507 2440	for F8126,	} bellcrank
B	1334 8834	shaft			F8160,	
C	1306 5503	index rack			F8170,	
D	1027 2854	spring			F8190	
E	1306 7277	spacer		1303 9292	for F8111	
F	1306 5693	sector lock	R	1017 0835	spacer	
G	1306 8176	spring	S	1336 0797	sector lock	
H	1335 0392	spacing clip	T	1306 5362	index rack	
I	1306 5255	index rack	U	1010 4503	spacer	
J	1027 6566	spring	V	1306 5354	index rack	
K	1010 9643	screw, included in L	W	1306 5313	index rack	
✓ L	1027 7101	set collar, includes K	X	1010 6540	roller	
M	1013 9319	spring	Y	1306 5420	index rack	
N	1306 5438	index rack	Z	1306 7699	spacer	
O	1255 3129	clip	AB	1028 8942	spring	
P	1013 1498	roller	AC	1304 8483	shaft assembly	

Keyboard

INDEX STRIP AND GUIDE COMBS (PLATE III-7)



Guide Comb Positions

NOTE: Guide comb positions are numbered in relation to the keyboard columns. The guide comb positions, without the A, are in direct alignment with the keyboard column; i.e., comb position "11" is the same as keyboard column "11", etc. The "A" positions on the comb are to the left of the keyboard column and O-R is to the right of keyboard column "0".

To order index strips, refer to illustration for guide comb position and then refer to chart for letter and to the parts list for part numbers.

INDEX STRIP CHART

GUIDE COMB POSITIONS

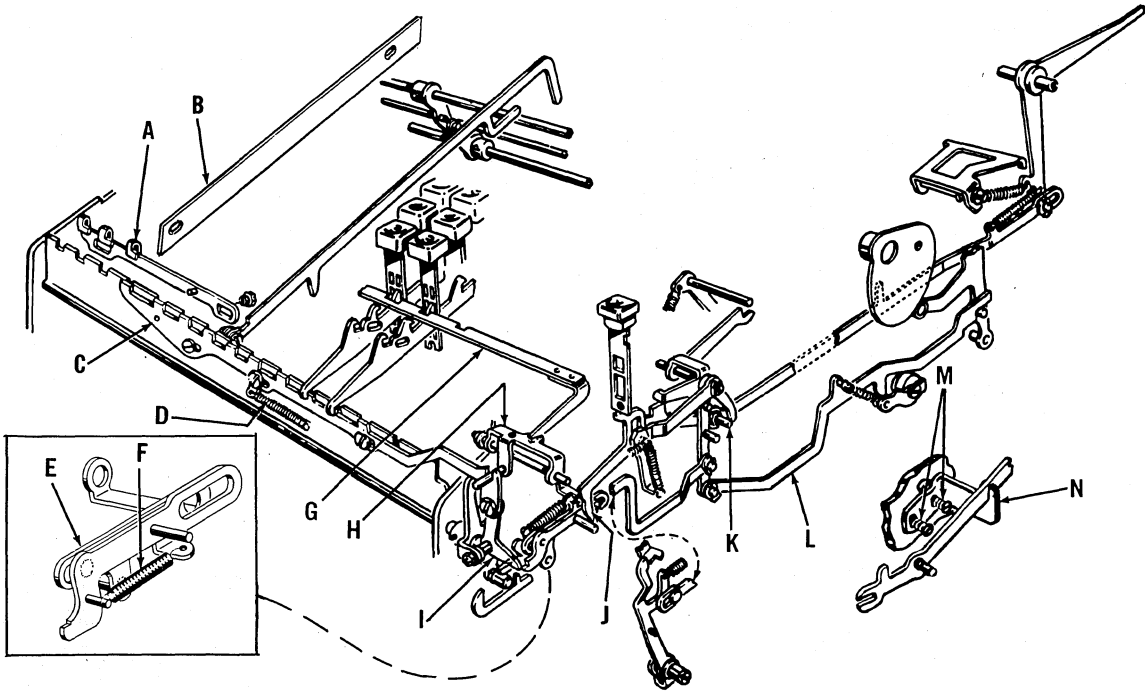
MACHINE STYLES	14	13A	13	12A	12	11A	11		10	2A	2	1A	1	O-A	O	O-R	
F8111			H		J	I	G	G	G		G		G			N	M
F8126, F8166		L	H		J	I	G	G	G		G		G			N	M
✓ F8170, F8190		L	H		J	I	G	G	G		G		G			N	O

PART NUMBERS (PLATE III-7)

- A 1307 2988 spring
  - B 1010 0220 clip
  - C 1303 4293 shaft
  - D 1303 4509 guide comb
  - E 1010 0378 nut
  - F 1304 0779 screw
  - G 1335 0780
  - H 1335 0814
  - I 1335 0830
  - J 1335 0905
  - K 1335 0913
  - L 1335 1036
  - M 1506 7408
  - N 1506 7416
  - ✓ O 1529 1685
- } index strips

Keyboard

REPEAT OF SPECIFIED COLUMNS (PLATE III-8)



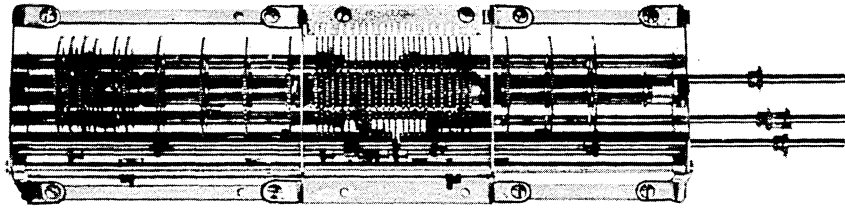
PART NUMBERS (PLATE III-8)

- A 1329 4723 slide, for repeat of specified columns, trim as required
- B 1511 7419 strip, guide
- C 1329 4855 slide, for repeat of specified columns, trim as required
- D 1340 9107 spring
- E 1529 2477 slide
- F 1013 9350 spring
- G 1329 5118 slide, for repeat of specified columns, trim as required
- H 1525 9971 repeat bail
- I 1329 5175 arm
- J 1525 3446 E1200 } repeat arm
- 1525 6175 E3000 }
- K 1340 1401 post, use 1010 0444 nut (E1200)
- 1525 6050 post, use 1256 5198 nut (E3000)
- L 1525 3453 E1200 } reset link
- 1529 2519 E3000 }
- M 1010 9601 screws, use 1010 0386 nut
- N 1529 2469 bracket

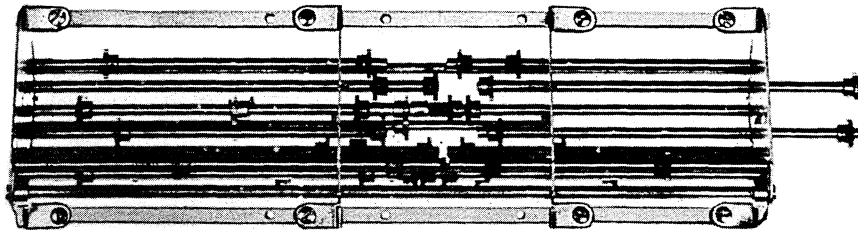
Printing

COMPLETE CLUSTER GEAR UNITS & COMPONENTS (PLATE IV-1)

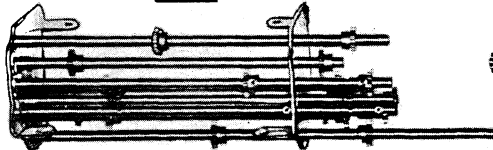
COMPLETE CLUSTER GEAR UNIT



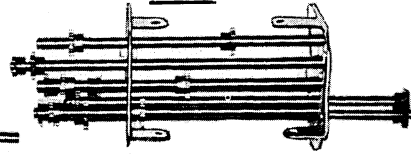
LOWER CLUSTER GEAR UNIT



LEFT



RIGHT

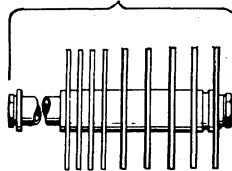


✓ PART NUMBERS (PLATE IV-1)

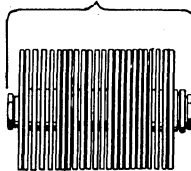
<u>MACHINE STYLES</u>	<u>COMPLETE</u>	<u>LOWER</u>	<u>LEFT</u>	<u>RIGHT</u>
F8111 (1/8 type centers)	1506 7044	1507 0592	1507 0584	1508 7745
(1/10 type centers)	1525 3255	1525 3248	1508 7455	1508 7422
F8126 (1/8 type centers)	1507 0964	1507 3562	1507 0584	1507 3554
(1/10 type centers)	1525 3289	1525 3271	1508 7455	1525 3263
F8160 (1/10 type centers)	1525 3289	1525 3271	1525 3222	1525 3263
F8190 (1/10 type centers)	1525 6233	1525 6258	1525 3222	1525 3263

CLUSTER GEAR ASSEMBLIES (PLATE IV-2)

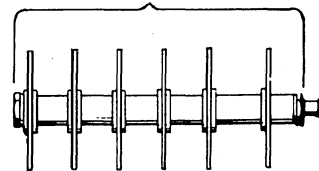
LEFT



CENTER



RIGHT



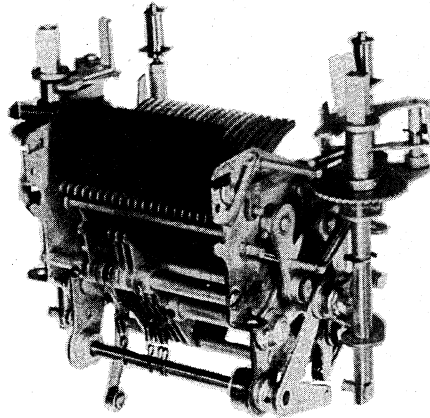
PART NUMBERS (PLATE IV-2)

<u>MACHINE STYLES</u>	<u>LEFT</u>	<u>CENTER</u>	<u>RIGHT</u>
F8111, F8126	1508 7455	1508 7398	1508 7422
F8160, F8190	1508 7455	1525 3743	1508 7422



Printing

COMPLETE ASSEMBLED PRINTING SECTIONS (PLATE IV-3)



PART NUMBERS (PLATE IV-3)

The standard carriage controlled cipher split arrangement is shown with part number of section for your convenience. Do not use in ordering. If necessary standard sections can be modified locally for emergency needs.

For styles with special features not listed, order by machine style, serial number, factory order number and describe special features.

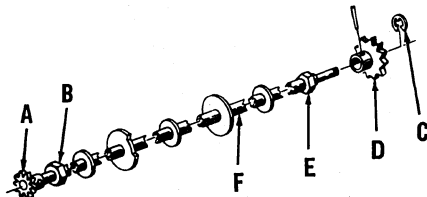
Complete assembled printing sections:

1506 7895	F8110	}	1/8 type centers and carriage controlled
1507 2622	F8120		cipher splits, cols. 2/3, 6/7, 8/9, 12/13
1525 3313	F8110	}	1/10 type centers and carriage controlled
1525 3347	F8120,		cipher splits, cols. 2/3, 6/7, 8/9, 12/13
	F8160		
1525 3875	F8170,	}	1/10 type centers and carriage controlled
	F8190		cipher splits, cols. 2/3, 6/7, 9/10,

Note: For machines other than above, relocate or add cipher splits as required to match section being replaced.

PRINTING CONTROL (PLATE IV-4)

PART NUMBERS (PLATE IV-4)

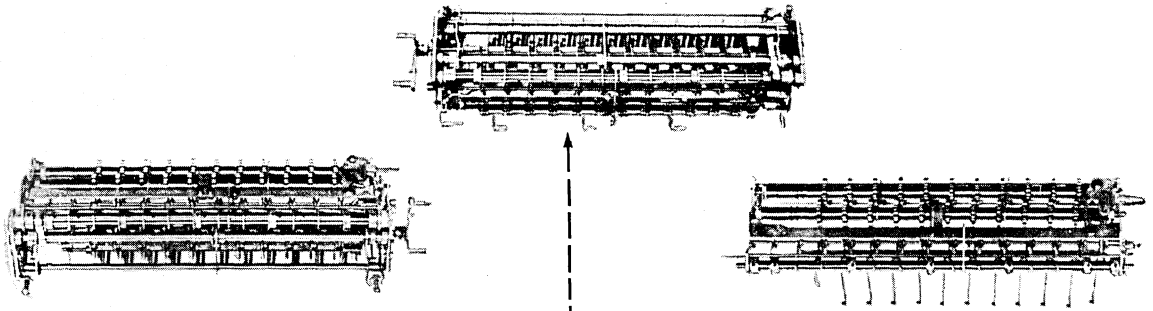


1510 7709 complete assembled printing control camshaft - specify unit number or furnish chart

A	-- --	included in F
B	1010 0337	nut, included in F
C	1010 0212	clip
D	-- --	included in F
E	1010 0337	nut
F	1332 3399	shaft assembly, includes A, B, D

Accumulation

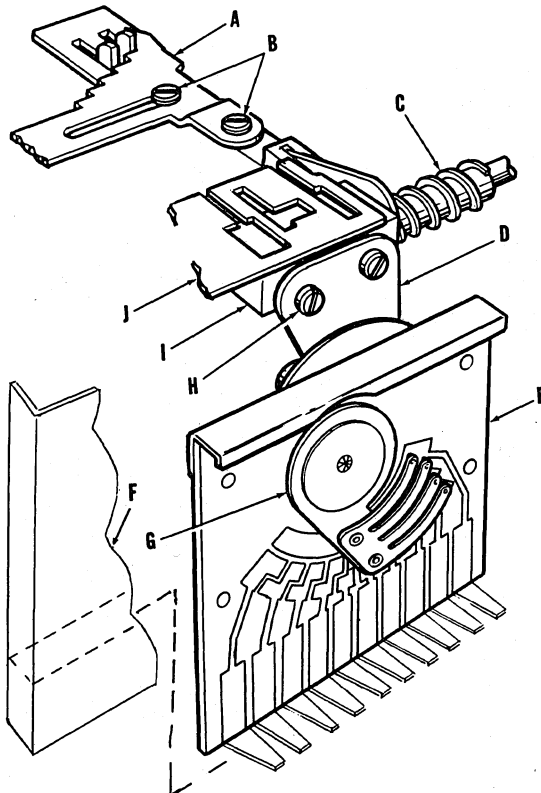
COMPLETE CROSSFOOTER, REGISTER, UPPER FRAME AND PINION ASSEMBLIES  
(PLATE V-1)



MACHINE STYLE	CROSSFOOTER	REGISTER	A	B	UPPER FRAME AND PINION ASSEMBLY
F8111, F8126	1307 6237				1307 6971
F8111, F8126 F8160 without fixed factor		1307 6310		X	1307 6971
F8126, F8160		1507 1152	X		1307 6971
F8111, F8126, F8160 with fixed factor		1507 9098		X	1307 6971

FIXED FACTOR SELECTION SWITCH (PLATE V-2)

PART NUMBERS (PLATE V-2)



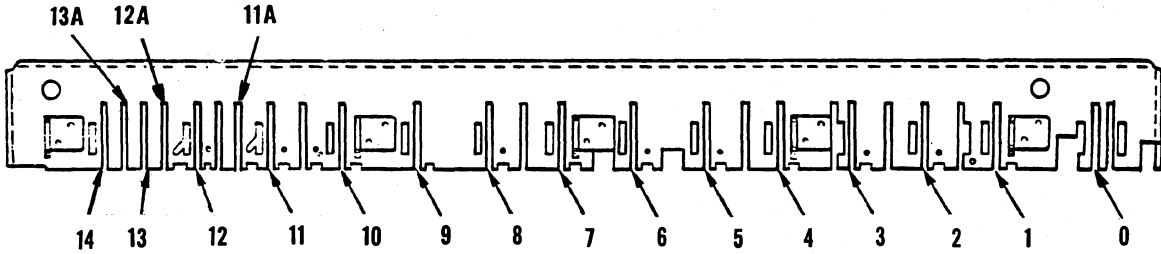
1507 1152 register "A" position  
 1507 9098 register "B" position  
 1307 6310 register "B" position  
 with fixed factor  
 without fixed factor } complete register assembly

- A 1324 3373 detent
- B 1308 1583 shoulder screw, use 1256 7459 washer and 1010 0410 nut
- ✓ C -- -- included in I
- D 1506 7283 actuator
- E 1506 7168 printed circuit board, use 1340 4629 screws, 1256 7715 lockwasher and 1010 0378 nut
- F 1506 7192 dust shield
- G 1506 7234 wiper, use 1017 0942 pin
- H 1340 3308 screws
- ✓ I 1507 3406 worm gear assembly, includes C, I
- J 1308 0338 guide

Accumulation

RACK BAR CHART (PLATE V-3)

GUIDE COMB POSITIONS



NOTE: Guide comb positions without "A" are in direct alignment with the keyboard columns 1 thru 10, and "A" positions are to the left of keyboard columns.

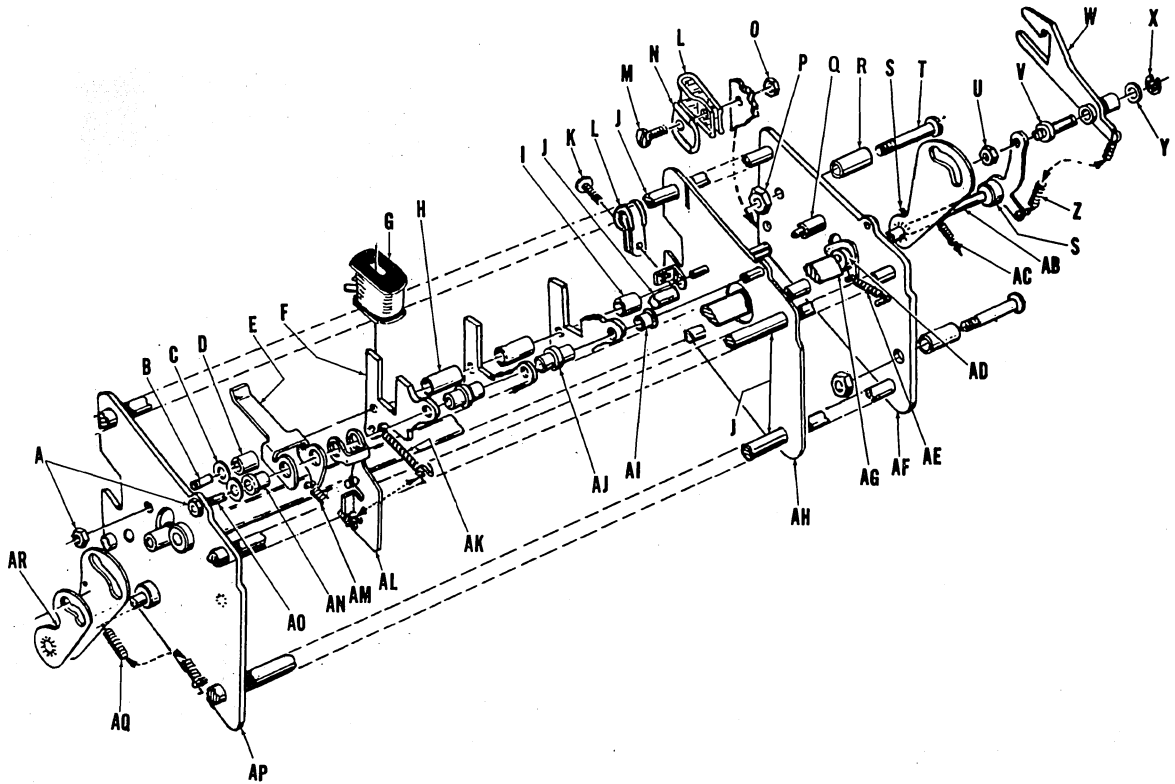
MACHINE STYLES	GUIDE COMB POSITIONS								
	14	13A	13	12A	12	11A	11	1 thru 10	0
F8111	D	D	D	D	B	D	A	A	C
F8111 P & PA	D	D	E	D	B	E	A	A	C
F8126, F8160	D	D	D	D	B	D	A	A	

PART NUMBERS (PLATE V-3)

- A 1335 1739
- B 1335 1754 rack bar, includes 1340 8851 spring
- ✓ C 1335 1903 for F8111 }  
1507 2473 for F8126, F8166 } rack bar, includes 1340 8851 spring
- D 1305 0406 } rack bar, includes 1306 8150 spring
- E 1335 1630 }

Accumulation

READ-IN UNIT (PLATE V-4)



PART NUMBERS (PLATE V-4)

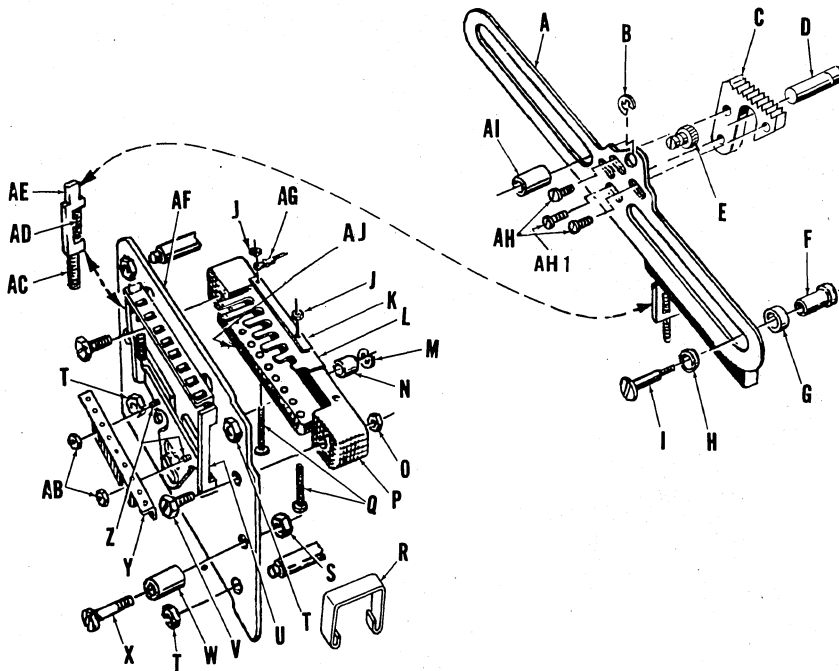
Complete read-in unit:

- 1507 2671 for F8111, F8126, F8166
- 1525 9906 for F8170, F8190 without E core constr.
- 1529 0703 for F8170, F8190 with E core constr.

A	1256 5248	nut		V	1308 1484	eccentric post
B	1332 8679	mchs. without E core pulse generator	} solenoid shaft	W	1332 8802	latch
	1529 0737	mchs. with E core pulse generator			X	1010 0238
C	1341 9486	shim, use as req'd		Y	1337 1117	shim
D	1332 8877	spacer		Z	1027 3209	spring
E	1506 7796	clapper		AB	1506 7622	mchs. without E core pulse generator
F	1510 6131	bracket			1529 0711	mchs. with E core pulse generator
G	1510 6313	coil				} camshaft
H	1332 8851	spacer		AC	1018 0628	spring
I	1332 8869	spacer		AD	1011 9972	pin
J	1332 8471	shaft		AE	1027 7457	spring
K	1010 3851	screw		AF	1506 7861	right side plate
L	1323 9371	cable clamp		AG	1506 7747	reset bail
M	1010 9981	screw		AH	1332 8489	stiffener plate
N	1337 2180	washer		AI	1332 8828	shoulder spacer
O	1010 0394	nut		AJ	1332 8810	double shoulder spacer
P	1028 7118	nut		AK	1340 8869	cadium } spring,
Q	1332 8844	spacer			1340 8877	plain } replace as
R	1341 9361	spacer			1340 8885	copper } required
S	1010 0493	pin		AL	1506 7788	latch
T	1341 9353	screw		AM	1341 9742	spring
U	1010 0428	nut		AN	1332 8836	shoulder spacer
				AO	1332 8661	clapper shaft
				AP	1506 7879	left side plate
				AQ	1026 9801	spring
				AR	1010 0493	pin

Accumulation

PULSE GENERATOR UNIT (PLATE V-5)

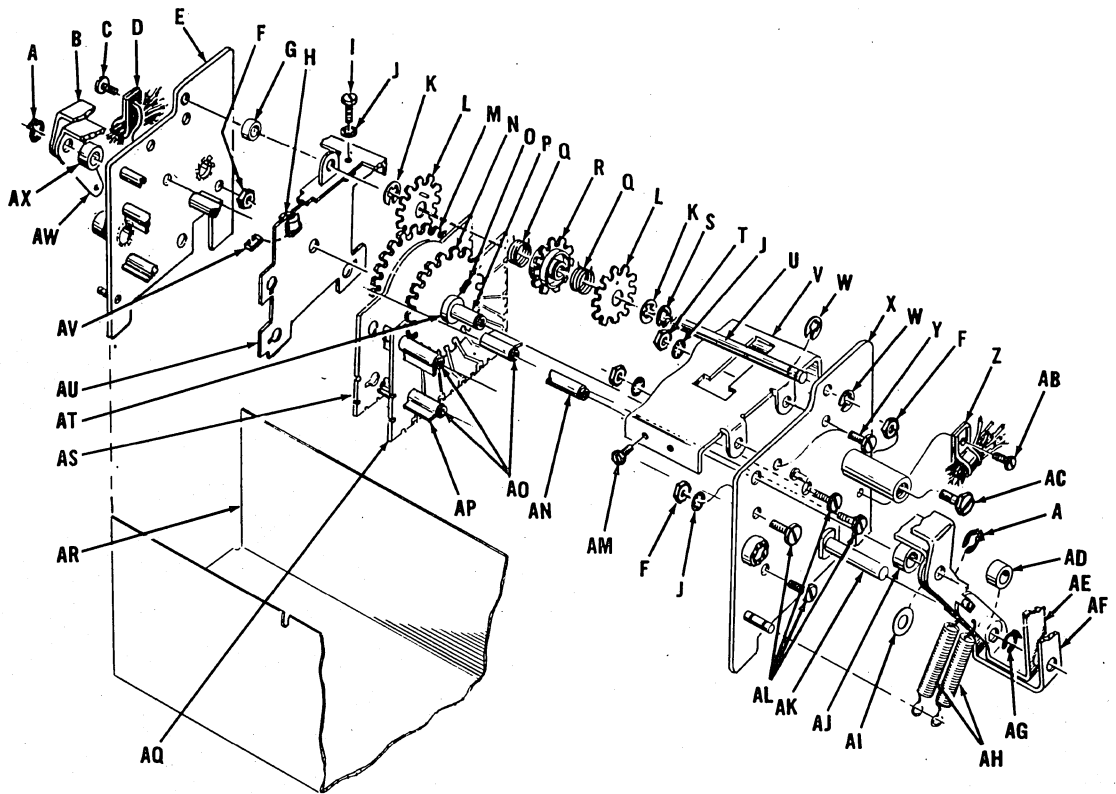


PART NUMBERS (PLATE V-5)

A	1507 2770	timing slide			
B	1255 3152	clip			
C	1507 2747	adjustment block			
✓ D	1328 4138	machs without E	} actuating shaft		
	1529 3723	machs with E core pulse generator			
D	1328 4138	actuating shaft			
E	1507 2721	drive screw			
F	1335 0525	threaded bushing			
G	1341 9395	roller			
H	1341 9403	spacer			
I	1341 9460	screw			
J	1010 0477	nut			
K	1332 9776	retainer strip			
L	1506 7374	contact blade			
M	1255 3129	clip			
N	1341 9429	roller			
O	1256 5271	nut			
P	1507 3737	mounting block, after F168007P.			
	---	Before mch. F168008P, use 1507 3737			
		mounting block, 1507 3729 printed circuit			
		contact assembly, 1332 9776 retainer strip,			
		1303 6694 washer 2 req., and 1256 0173			
		screw 3 req.			
Q	1255 4044	screw			
R	1506 7812	dust shield			
S	1028 7118	nut (shown) before F165496P			
		1507 5641 screw after F165495P			
T	1338 7246	nut			
U	1507 9635	tappet frame after F165589P.			
	---	Before mch. F165590P, use 1507 9635 frame,			
		1507 2689 tappet, 1507 2697 tappet, 1507			
		9627 spring support, 1507 9650 screw 2 req.,			
		1256 7699 lockwasher 2 req., and 1507 9643 side plate			
		2 req., and 1507 9643 side plate			
V	1257 3036	screw			
W	1341 9411	before F165496P	} spacer		
	1507 5633	after F165495P			
X	1341 9353	before F165496P	} screw		
	1507 5641	after F165495P			
Y	1507 9627	spring support			
Z	1255 3996	before F165590P	} screw		
	1507 9650	after F165589P			
AB	1256 5180	before F165590P	} nut		
	1256 5198	after F165589P, use 1256 7699 lockwasher			
AC	1341 9197	spring			
AD	1341 9478	spring			
AE	1507 2689	pos. 1	} tappet		
	1507 2697	pos. 2			
	1506 7770	pos. 3 thru 9			
AF	1507 9643	mchs. without E		} side plate	
	1529 0745	mchs. with E core pulse generator			
AG	1311 8583	ring tongue terminal			
AH	1529 2170	screw			
AH1	1341 9759	screw			
AI	1341 9387	bearing			
AJ	1507 3729	printed circuit contact assembly			

Accumulation

READ OUT UNIT (PLATE V-6)



PART NUMBERS (PLATE V-6)

✓ 1506 7036	for F8111	} without } complete assembled } P & PA } read out unit	R	1333 2408	pinion, only	
✓ 1507 1145	for F8126, F8160, F8170, F8190			1333 2416	assembled pinion, cols. 1 thru 10	
✓ 1506 8216	all F8100 styles with P & PA		1333 2549	cols. 11 & 12	} mchs. with P & PA	
A	1010 0238	clip	1333 2564	cols. 11A & 13		
B	1333 0600	without P & PA	S	1017 4118	shim	
	1506 8331	with P & PA	T	1010 0360	nut	
C	1010 8421	screw, for P & PA	U	1333 2291	shaft	
D	1340 6459	cable clamp, for P & PA	V	1333 0766	without P & PA	} top plate
E	1333 1731	sideframe, left		1506 8257	with P & PA	
F	1010 0378	nut, for P & PA	W	1300 1490	clip	
G	1506 8307	spacer	X	1509 2786	right sideframe, after F165756P	
H	1338 8012	slotted nut		---	Before mch. F165757P, use 1509 2786	
I	1303 1745	screw			sideframe, 1509 3602 support plate and	
J	1256 7715	lockwasher			1509 3594 shoulder screw (2 req.)	
K	1337 2420	clip .023"	Y	1010 6714	screw	
	1337 2438	clip .019"	Z	1340 6459	cable clamp	
	1337 2628	clip .021"	AB	1010 8421	screw, use 1010 0378 nut	
L	1333 2374	pinion	AC	1340 3563	mounting screw	
M	1333 2598	wiper gear, mchs. without P & PA	AD	1337 5670	spacer	
	1506 8299	all cols. except } mchs. with P & PA	AE	1506 6665	actuating bail	
		cols. 11A & 13	AF	1506 6657	actuating bail	
		cols. 11A & 13	AG	1255 3152	clip	
N	1333 2630	wiper gear	AH	1340 9701	spring	
O	1255 7526	set screw	AI	1337 1497	washer	
P	1333 1012	shaft	AJ	1337 5365	spacer	
Q	1340 9362	compression spring	AK	1506 9180	post, use 1256 8044 washer, 1256 7749 lockwasher and 1256 5289 nut	

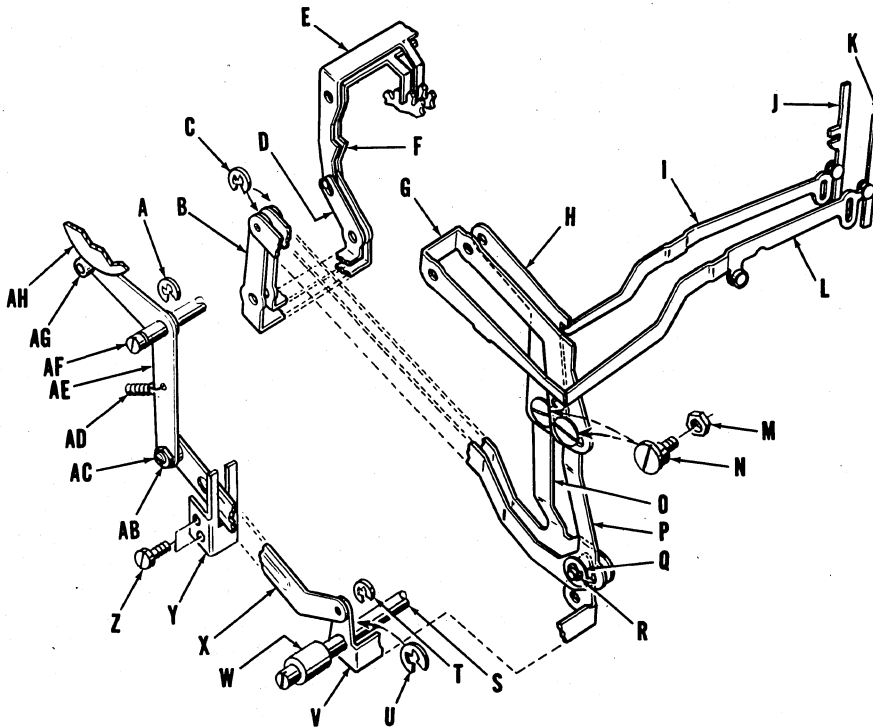
PART NUMBERS CONTINUED ON NEXT PAGE

Accumulation

PART NUMBERS (PLATE V-6) CONTINUED

AL	1025 8689	screw	AS	1333 1483	without P & PA	} circuit board only, right
AM	1340 3605	screw		1506 8273	with P & PA	
AN	1333 0576	shaft		1333 1442	for cols. 11A & 13	
AO	1333 0873	shaft	AT	1337 9524	set collar	
AP	1333 1269	without P & PA	AU	1333 1327	support plate	
	1507 2788	with P & PA	AV	1011 3538	retainer	
		} slotted strip	✓ AW	1333 0592	without P & PA	} detent bail
AQ	1333 1509	circuit board only, left		1509 2729	with P & PA	
	1506 7002	without P & PA				
	1506 8281	with P & PA	AX	1337 5373	spacer	
AR	1333 0824	cover				

READ OUT CONTROLS (PLATE V-7)

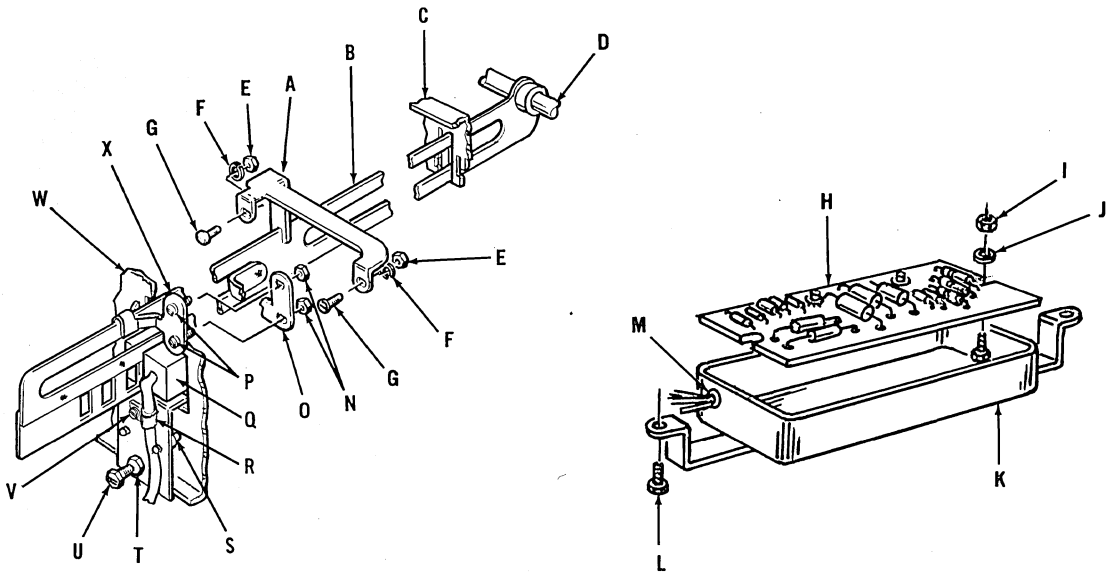


PART NUMBERS (PLATE V-7)

A	1255 3178	clip	L	1304 3724	sensing lever, lane 23	W	1506 6947	spacer
B	1506 6657	actuating bail, use 1026 3440 spring	M	1256 5735	nut	X	1506 6889	link
C	1255 3129	clip	N	1506 6699	eccentric screw	Y	1506 6707	guide
D	1506 6665	actuating bail	O	1506 6673	sensing link	Z	1256 0520	screw
E	1333 0600	detent bail	P	1506 6681	sensing link	AB	1506 6913	eccentric
F	1333 0592	detent bail	Q	1341 7969	spacer	AC	1256 1015	screw
G	1509 0772	bellcrank	R	1255 3129	clip	AD	1027 7424	spring
H	1509 0764	bellcrank	S	1506 6814	post	AE	1506 6863	bellcrank
I	1304 3559	sensing lever, lane 17	T	1255 3152	clip	AF	1325 3950	post
J	1333 4842	tappet	U	1255 3178	clip	AG	1506 9206	roller, use 1255 3129 clip
K	1333 4867	tappet	V	1509 9567	bail, use 1010 3927 washer, 2 req.	AH	1506 6855	cam

## Accumulation

## E CORE PULSE GENERATOR (PLATE V-8)



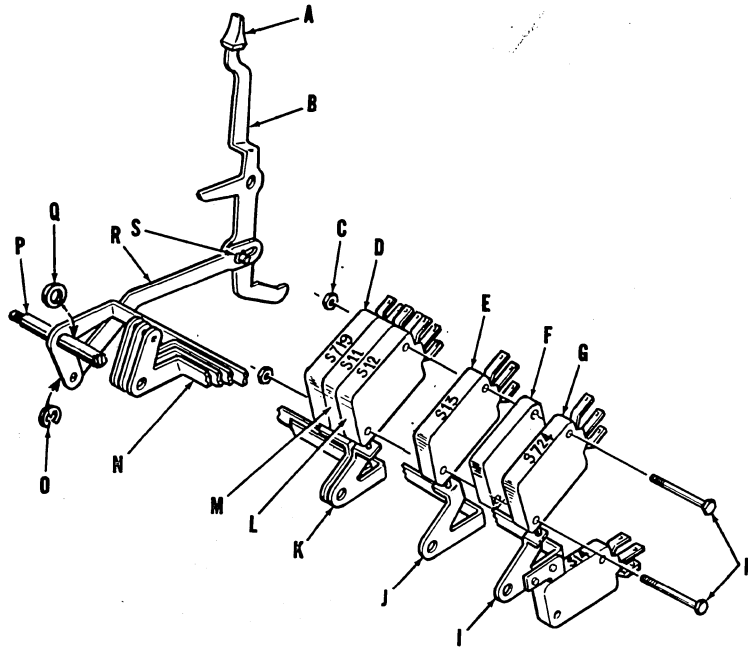
## PART NUMBERS (PLATE V-8)

A	1529 0513	guide bracket
B	1529 0547	timing rack
C	1506 8018	guide comb
D	1328 4138	actuating shaft
E	1010 0378	nut
F	1256 7442	lockwasher
G	1010 9981	screw
H	1525 7579	printed circuit card
I	1256 5206	nut
J	1529 0497	washer
✓ K	1507 5963	mounting box, use 1529 7427 insulator
L	1256 0868	screw
M	1322 2948	grommet
N	1256 5248	nut, use 1256 7442 lockwasher
O	1529 0588	guide bracket, use 1342 7257 roller and 1255 3384 clip
P	1256 0850	screw
Q	1529 0604	magnetic transducer, includes R, V
R	1343 0525	clamp
S	1338 7527	nut, use 1256 8002 washer
✓ T	1342 8362	nut
U	1507 5997	screw
V	1256 0843	screw, use 1311 5746 nut
W	1529 0695	back plate
X	1529 0539	guide



Side Frames

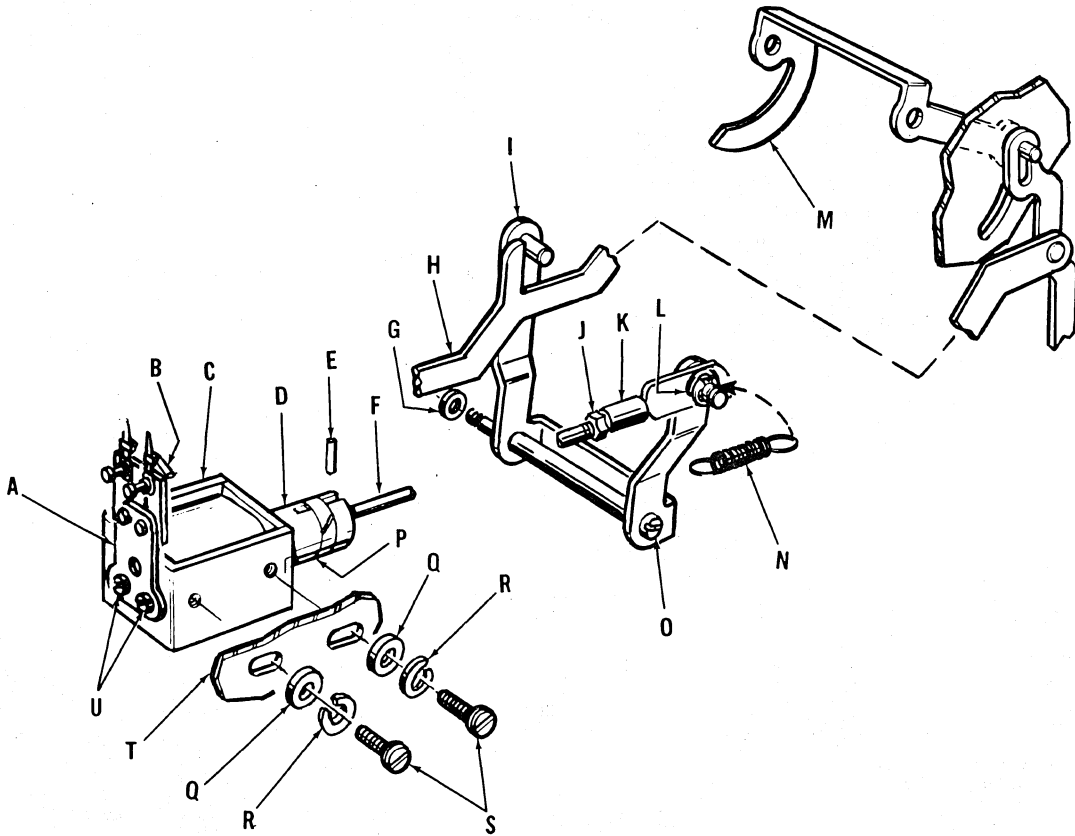
MOTOR BAR SWITCHES, ACTUATING BAILS AND CARRIAGE  
CONTROL DISABLING SWITCH (PLATE VI-1)



PART NUMBERS (PLATE VI-1)

A	1331 4026	keytop		J	1325 7373	bail
B	1329 0358	shown, for F8111, F8126	} lever	K	1325 7365	bail
	1525 2539	for F8160		L	1343 1242	switch, motor bar #3, punch
C	1256 5180	nut		M	1343 1242	switch, motor bar #1, punch
D	1343 1242	switch, motor bar #1		N	1325 7357	bail
E	1343 1242	switch, motor bar #4, punch		O	1010 0212	clip
F	1326 3389	space block, used when switches omitted		P	1325 7225	post
G	1341 1780	switch, CCDL		Q	1341 7654	with punch
H	1506 8984	punch	} screw		1015 1736	without punch
	1340 4645	without punch		R	1326 3405	shown, for F8111, F8126
I	1506 8943	with punch	} switch bail		1525 2471	for F8160
	1326 3330	without punch		S	1010 0212	clip

RED RIBBON SOLENOID ASSEMBLY (PLATE VI-2)

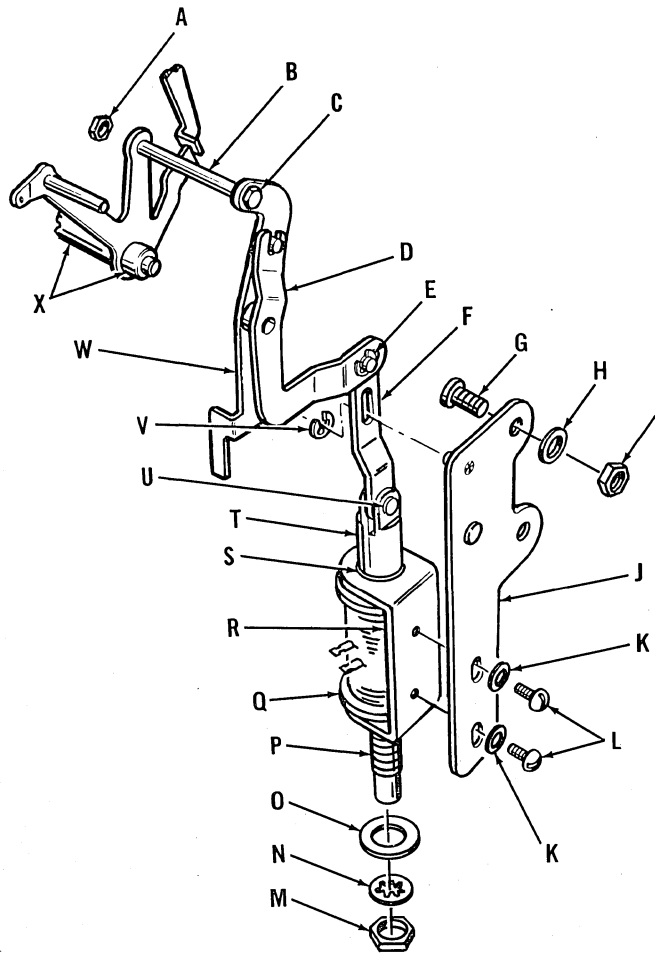


PART NUMBERS (PLATE VI-2)

A	1511 7930	terminal board	K	1028 8652	turn buckle
B	1340 2656	diode	L	1255 3145	clip
C	1341 8686	solenoid only	M	1307 1808	bail
	1522 8737	complete solenoid assembly, includes A, B, C, U	N	1027 6566	spring
D	1325 6813	plunger	O	1343 0376	screw post
E	1338 8475	pin	P	1337 2511	retaining ring
F	1508 0021	wire link	Q	1303 6694	washer
G	1028 7704	washer	R	1256 7459	lockwasher
H	1303 8153	bellcrank	S	1256 1080	screw
I	1507 2366	bail	T	1506 8026	auxiliary right side-frame
J	1010 0485	nut	U	1256 1072	screw

## Side Frames

## MOTOR BAR NO. 2 SOLENOID ASSEMBLY (PLATE VI-3)

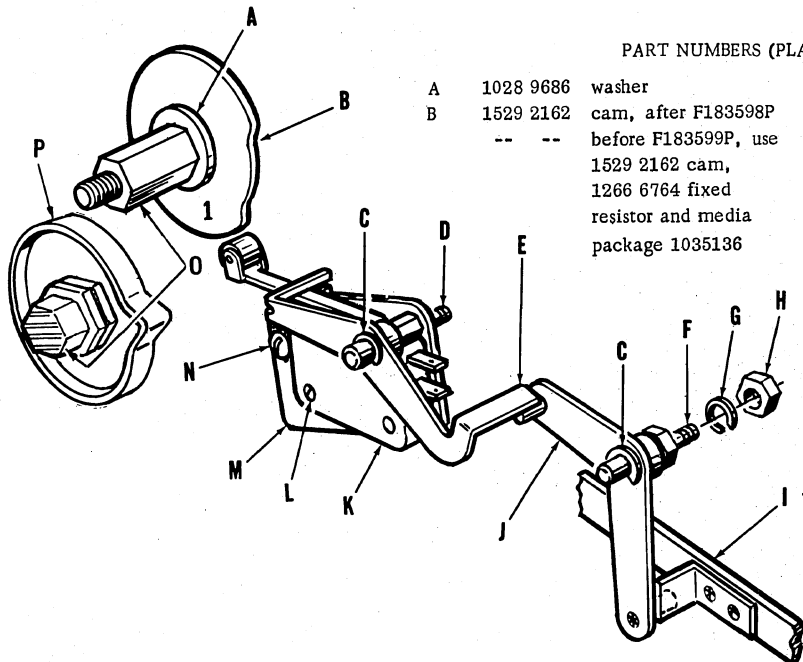


## PART NUMBERS (PLATE VI-3)

A	1010 0378	nut	N	1010 4354	lockwasher
B	1304 2551	eccentric screw post	O	1010 4487	washer
C	1010 0360	nut	P	1326 1516	adjusting screw
D	1525 2083	actuating arm	Q	1326 1664	coil
E	1255 3145	clip	R	1326 1524	frame
F	1525 2125	link	S	1326 1540	sleeve
G	1048 8716	screw	T	1326 2118	plunger
H	1256 7434	lockwasher	U	1341 9650	pin, use 1010 0212 clip
I	1256 5230	nut	V	1255 3129	clip, use 1010 8579 washer
J	1525 2109	bracket	W	1525 2075	switch actuator
K	1256 8010	washer	X	1502 6974	shaft assembly
L	1256 0835	screw			
M	1256 5792	nut			

Side Frames

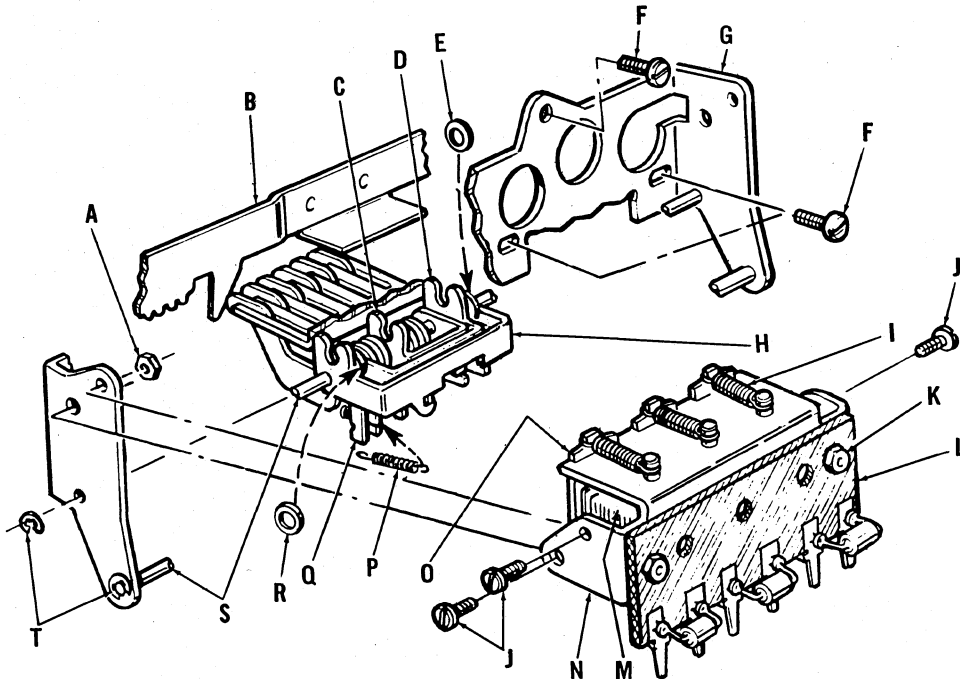
MOTOR CONTROL CAM SWITCH (PLATE VI-4)



PART NUMBERS (PLATE VI-4)

A	1028 9686	washer	C	1255 3129	clip
B	1529 2162	cam, after F183598P	D	1507 0451	pivot post
	-- --	before F183599P, use	E	1507 0428	switch actuator
		1529 2162 cam,	F	1507 0469	pivot post
		1266 6764 fixed	G	1256 7442	lockwasher
		resistor and media	H	1256 5248	nut
		package 1035136	I	1507 0394	link
			J	1507 0444	bellcrank
			K	1503 8805	timing switch
			L	1257 0545	screw (2 req.), use
					1256 5206 nut (2 req.)
			M	1506 8844	mounting plate
			N	1256 0850	screw, use 1196 7858
					lockwasher and 1256
					8002 washer
			O	1506 8885	hex post
			I	1529 2253	cam, use 1529 2246
					spacer and 1506 9297
					switch actuator arm

ELECTRONIC CROSSFOOTER SYMBOL ASSEMBLY (PLATE VI-5)



PART NUMBERS (PLATE VI-5)

A	1010 0386	nut	E	1307 0255	spacer	H	1507 2192	bail
B	1507 1194	symbol index slide	F	1256 0843	screw, use 1256 5248	I	1340 9297	spring
C	1507 2184	bail						
D	1507 2176	bail	G	1507 2168	bracket			

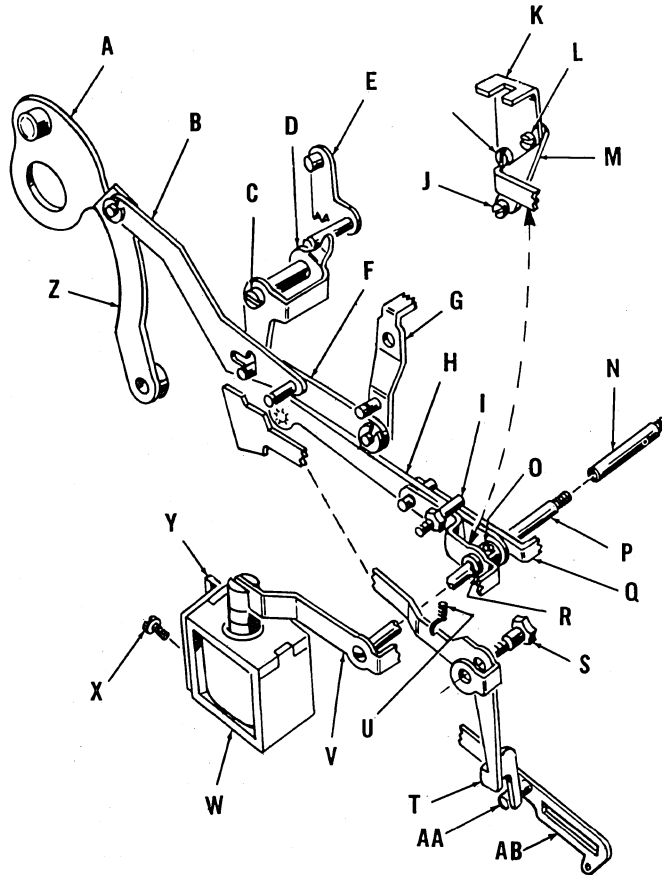
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VI-5) CONTINUED

J	1010 8983	screw	M	1326 1581	coil	P	1303 2248	spring
K	1010 0386	nut, use 1017 2880 screw	N	1333 7332	solenoid bracket assembly	Q	1507 2200	stop lever
L	1333 7357	terminal board, includes 1340 2656 rectifiers	O	1333 7407	clapper	R	1016 1040	spacer
						S	1507 2226	shaft
						T	1255 3145	clips

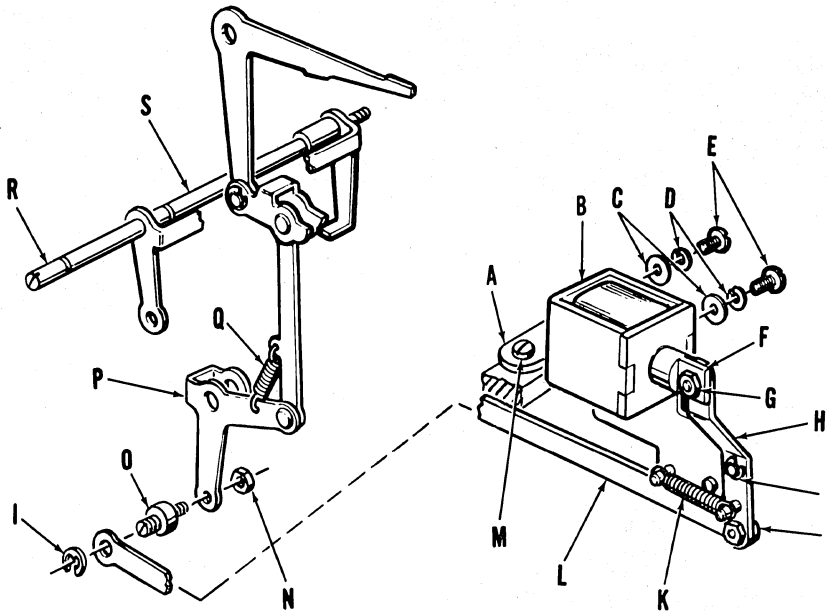
CHECK STATUS SOLENOID ASSEMBLY (PLATE VI-6)



PART NUMBERS (PLATE VI-6)

A	1507 2572	cam	P	1507 2580	threaded post
B	1303 7916	link	Q	1507 2549	bail, use 1027 6764 screws and 1014 6298 spring
C	1028 8025	shoulder screw	R	1255 3152	clip
D	1325 3018	bail	S	1340 2094	shoulder screw, use 1010 0386 nut
E	1303 7965	bellcrank	T	1325 4941	latch
F	1303 7890	link	U	1308 1716	spring
G	1303 7361	bellcrank	V	1507 2531	bellcrank
H	1507 2507	arm	W	1341 8686	solenoid only
I	1507 2598	eccentric screw stud, use 1010 0469 nut		1507 2390	complete solenoid assembly
J	1010 9981	screw, use 1010 4958 washer	X	1256 1072	screw
K	1511 3525	bracket	Y	1507 2408	bracket, use 1256 1098 screws, 1337 1802 washers and 1256 5263 nuts
L	1010 9981	screw, use 1010 0378 nut	Z	1324 7853	driving arm
M	1507 2556	bracket	√AA	1526 0417	screw stud
N	1507 2523	threaded post	√AB	1526 0755	slide
O	1047 3908	set collar, use 1010 7183 screw			

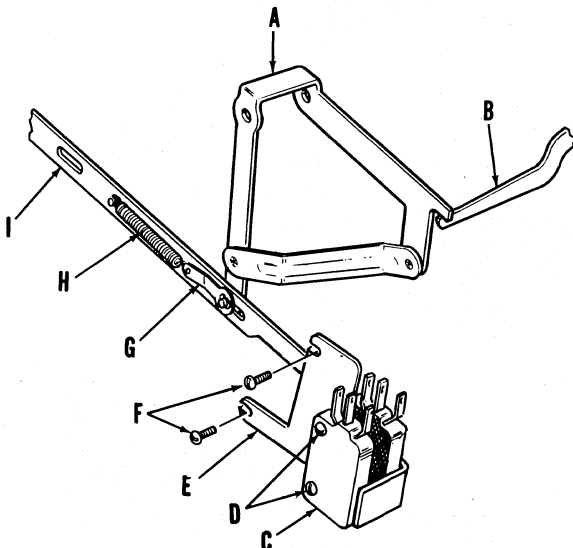
SIGN SOLENOID MECHANISM (PLATE VI-7)



PART NUMBERS (PLATE VI-7)

A	1507 0923	bracket	K	1011 3041	spring
B	1341 8686	solenoid	L	1507 0949	for F8126
C	1303 6694	washer		1525 2141	for F8166
D	1256 7459	lockwasher			} link
E	1341 6961	screw	M	1256 0843	screw, use 1308 0544 spacer, 1337 8211 washer and 1256 7442 lockwasher
F	1341 8878	plunger	N	1010 0444	nut
G	1010 0378	nut, use 1304 1017 shoulder screw	O	1525 5789	shoulder post
H	1525 5797	arm	P	1303 9060	bellcrank
I	1255 3152	clip	Q	1027 3076	spring
J	1030 4335	eccentric screw, use 1304 4516 spacer, 1256 7434 lockwasher and 1256 5230 nut	R	1507 2580	threaded post
			S	1507 2523	threaded post

READ-IN SWITCH ACTUATOR (PLATE VI-8)

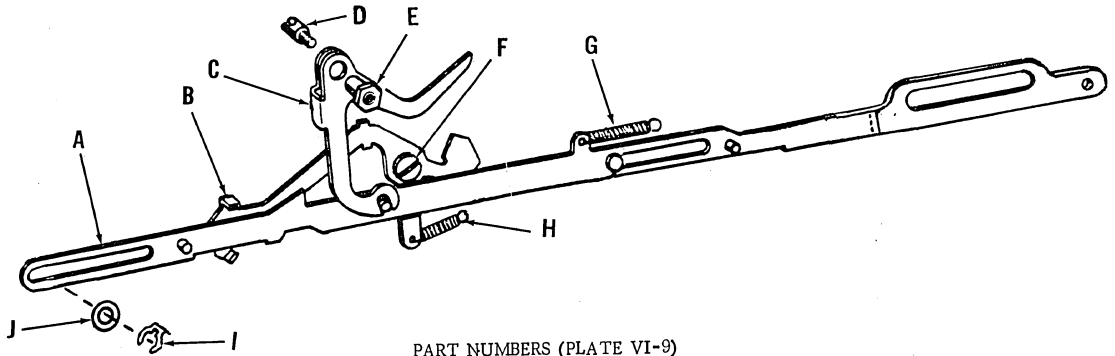


PART NUMBERS (PLATE VI-8)

A	1303 7528	bellcrank
B	1304 3625	sensing lever, lane 20
C	1343 1242	switch
D	1256 0181	screw, use 1256 8002 washer and 1257 3804 nut
E	1506 6715	mounting bracket
F	1256 0850	screw, use 1256 5248 nut
G	1343 1283	spring anchor
H	1028 9080	spring
I	1506 6806	link

Side Frames

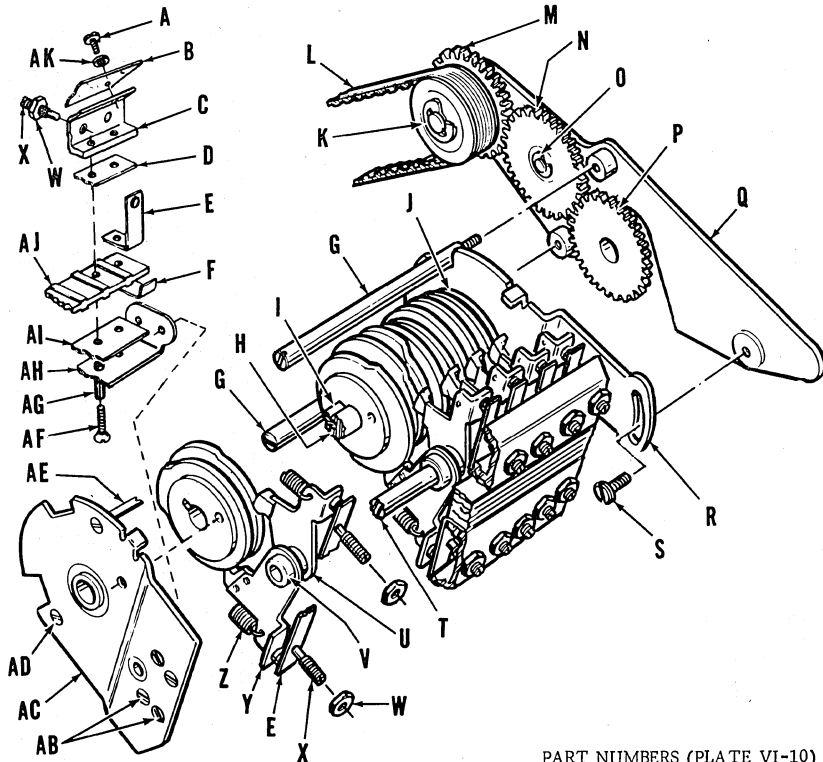
REGISTER TIMING SLIDE MECHANISM (PLATE VI-9)



PART NUMBERS (PLATE VI-9)

A	1304 0159 for F8111	} timing slide	D	1325 4057	post	G	1027 3050	spring
	1507 2457 for F8126		E	1338 7477	shoulder nut	H	1026 9900	spring
	F8160		F	1304 2064	screw, use 1256 7442	I	1300 1490	clip
B	1325 3315	latch				J	1307 0255	washer
C	1303 9862	bellcrank						

TIMING CAMS AND SWITCH ASSEMBLY (PLATE VI-10)



PART NUMBERS (PLATE VI-10)

Complete cam and switch assembly	
1506 6202	for F8111
1507 2416	before F177205P
1526 1860	after F177204P
1507 2416	without 50° timing
1526 1878	with 50° timing
1525 3842	before E-Core constr.; F8170, F8190
1529 0661	E-Core construction; F8170, F8190
1531 5294	E-Core construction (restyled), F8170 & F8190

A	1256 0116	screw
B	1506 6384	transparent cover
C	1506 6475	without PA ftes.
	1506 6483	with PA ftes.
D	1506 6533	insulator
E	1507 0576	contact arm
F	1341 2796	contact lug

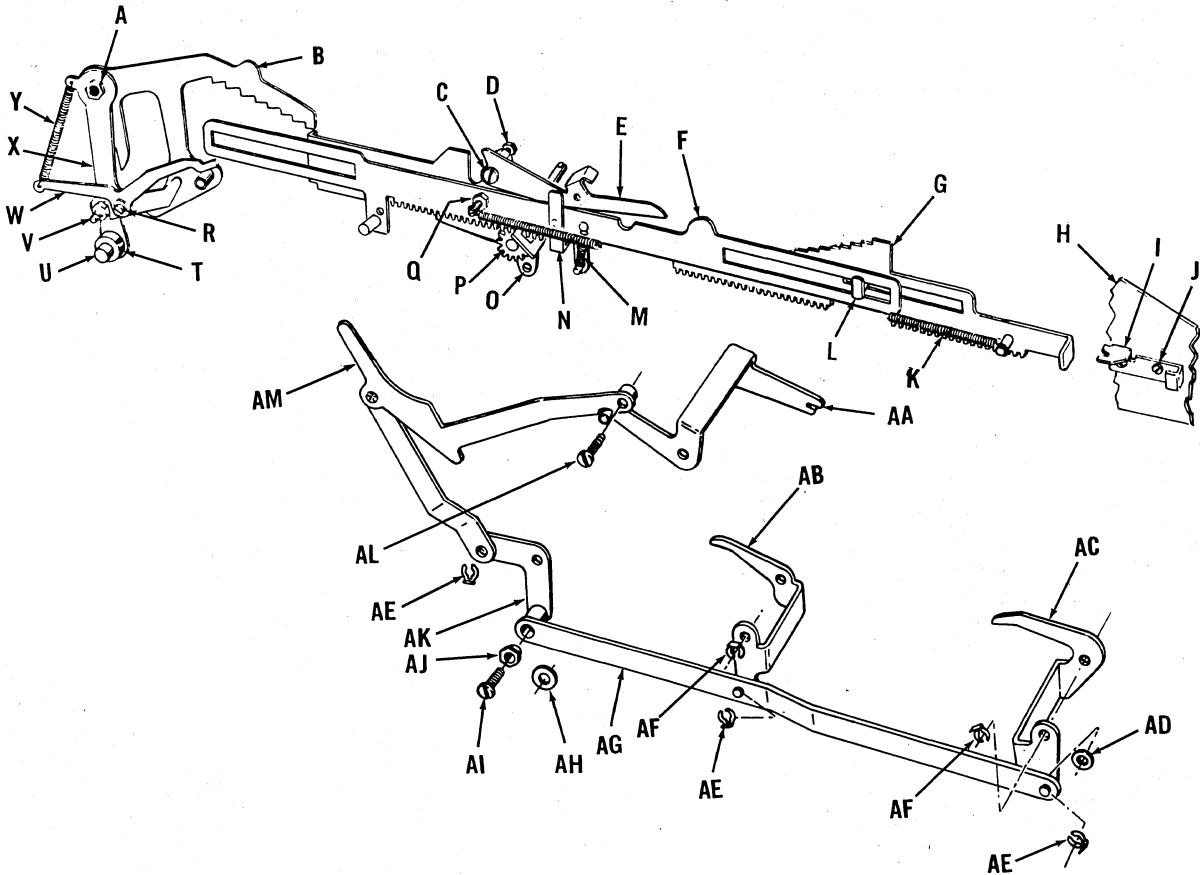
PART NUMBERS CONTINUED ON NEXT PAGE

Side Frames

PART NUMBERS (PLATE VI-10) CONTINUED

G	1506 6434	screw post	M	1338 6131	pulley and drive gear
H	1506 6327	slotted shaft, use 1506 6491 spacing collar in positions 2, 4, 6 & 8 on mchs. without punch fte.	N	1506 6210	idler gear
I	1506 6442	key	O	1010 0147	clip, use 1337 1224 washer
J	1507 3620	stamped TC1 (8°-20°)	P	1506 6244	drive gear
	1506 9057	stamped 4T/2C (70°-85°)	Q	1506 6392	mounting plate
	1506 9065	stamped TC2T (85°-70°)	R	1506 6343	sideframe, right
	1525 3032	stamped HC (15°-30°)	S	1321 6999	screw
	1506 6285	stamped TC3 (50°-70°)	T	1506 6368	cam follower shaft, use 1255 3145 retaining ring and 1337 2131 spring washer as req.
	1507 2424	stamped 3-1 (27°-37°)	U	1506 9115	cam follower
	1506 9107	stamped TC4 (15°-30°)	V	1506 6467	nylon bushing
	1525 3040	stamped 2SC (45°-85°)	W	1338 7568	nut
	1506 6319	stamped TC5 (220°-90°)	X	1333 8561	adjusting screw
	1506 9073	stamped TC6 (120°-140°)	Y	1506 6459	cam follower
	1525 3057	stamped 6C (60°-75°)	Z	1017 1437	spring, use 1026 6351 spring anchor
	1506 6293	stamped TC7 (175°-340°)	AB	1255 3988	screw
	1529 0679	stamped TC7A (90° - 175°)	AC	1506 6350	sideframe, left
	1506 9081	stamped TC8 (200°-220°)	AD	1256 0124	screw
	1506 6301	stamped TC9 (210°-350°)	AE	1506 6376	spring shaft
	1506 9099	stamped TC10 (250°-10°)	AF	1255 4135	screw
	1506 7291	stamped TC11 (75°-155°)	AG	1508 5558	nylon sleeve
	1526 0466	stamped TC11A (30°-90°)	AH	1506 6426	bracket
K	1255 3178	clip	AI	1506 6525	insulator
L	1338 5166	belt	AJ	1506 6517	laminated insulator
			AK	1256 7970	washer

9 REGISTER SELECTION MECHANISM (PLATE VI-11)





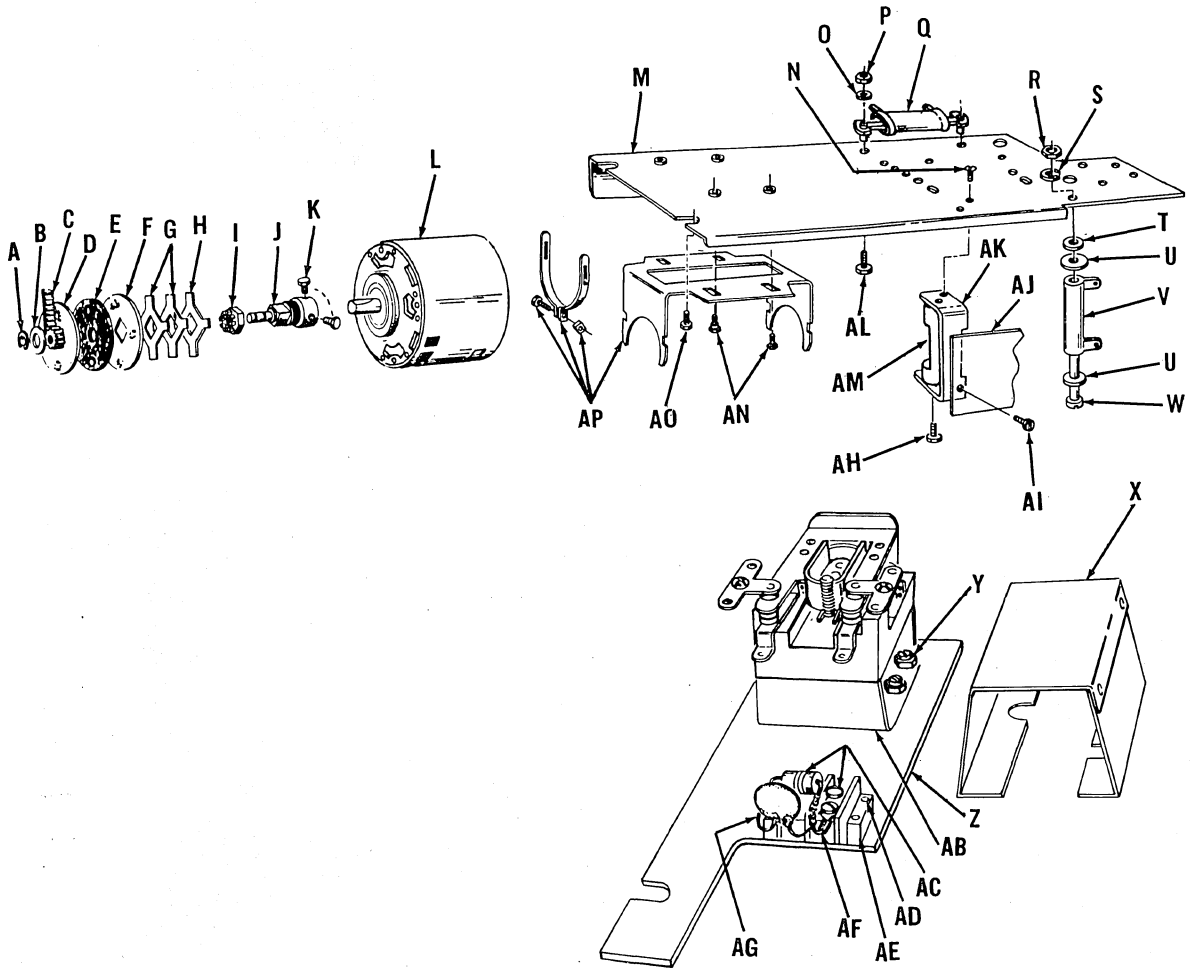
Side Frames

## PART NUMBERS (PLATE VI-11)

A	1506 0486	eccentric shoulder nut, use 1027 6384 screw	T	1034 8852	pin, included in U
B	1324 9347	indexer	U	1502 3765	shaft assembly, includes T
C	1010 4420	screw	V	1340 0247	spring post
D	1342 8693	post, use 1010 0360 nut	W	1303 6439	arm
E	1324 9495	arm	X	1303 6389	detent arm
F	1507 3042	slide	Y	1028 8009	spring
G	1507 2093	slide	AA	1325 3372	bail
H	1506 6558	auxiliary left sideframe	AB	1326 0476	bail
I	1507 2085	limit	AC	1507 1582	bail
J	1304 0779	screw, use 1010 0378 nut	AD	1013 0870	spacer
K	1340 9271	spring	AE	1255 3129	clip
L	1325 4545	guide post, use 1256 7715 lockwasher and 1010 0360 nut	AF	1010 0220	clip
M	1015 2262	spring	AG	1507 1590	link
N	1303 6520	latch	AH	1044 3018	spacer
O	1340 4041	shoulder screw, use 1010 0360 nut	AI	1011 0179	screw
P	1324 5097	pinion shaft	AJ	1026 0388	eccentric
Q	1343 0269	eccentric screw, use 1256 7459 lockwasher and 1010 0410 nut	AK	1326 0492	bellcrank
R	1011 0195	screw, use 1010 8751 eccentric and 1010 0451 nut	AL	1028 8371	screw, use 1010 0360 nut
			AM	1326 0344	bellcrank

Power

MOTOR AND MOUNTING PLATE (PLATE VII-1)

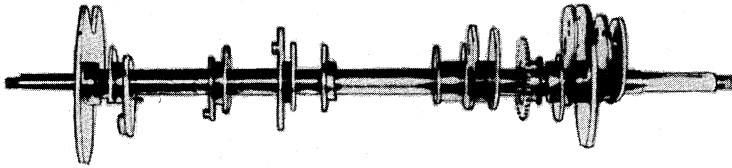


PART NUMBERS (PLATE VII-1)

A	1255 3178	clip	M	1506 8877	mounting plate	AC	1266 0247	resistor
B	1337 1174	thrust washer	N	1344 5861	screw	AD	1256 0884	screw, use nut
C	1316 0841	motor belt, use 1331 8548 idler pulley	O	1303 9854	washer		1256 5248	
D	1502 4961	pulley, 15 tooth, 60 cycle	P	1256 5289	nut	AE	1321 3731	terminal block
E	1510 9515	fiber retainer	Q	1507 0386	resistor	AF	1321 9175	eyelet
F	1328 6497	plate	R	1010 0311	nut	AG	1322 0009	capacitor
G	1328 6414	leaf spring	S	1010 4354	lockwasher	AH	1256 0835	screw
H	1328 6422	leaf spring	T	1010 9924	washer	AI	1340 3605	screw
I	1338 7428	pressure nut	U	1337 4582	mica washer	AJ	1507 0378	shield
J	1328 5580	arbor only	V	1266 6764	resistor	AK	1334 6309	bracket
	1328 5564	complete clutch assembly, includes A thru K	W	1342 9980	screw	AL	1256 1510	screw
K	1340 4090	screw	X	1525 4741	shield	AM	1525 3669	relay
L	1503 8730	motor, includes AP	Y	1256 0868	screw	AN	1506 8869	shoulder screw
			Z	1525 4725	mounting plate	AO	1341 7456	screw
			AB	1525 4733	relay	AP	-- --	included in L

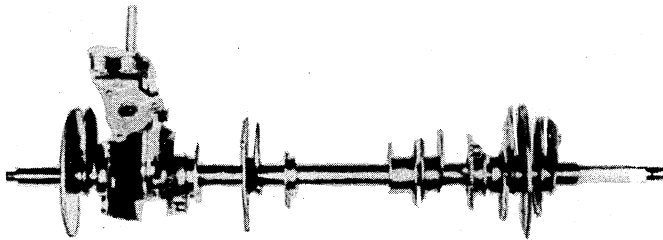
Power

COMPLETE MAIN CAMSHAFT ASSEMBLY (PLATE VII-2)



<u>Machine Style</u>	<u>Part Number</u>
F8111, F8126, F8160	1507 2267
F8170, F8190	

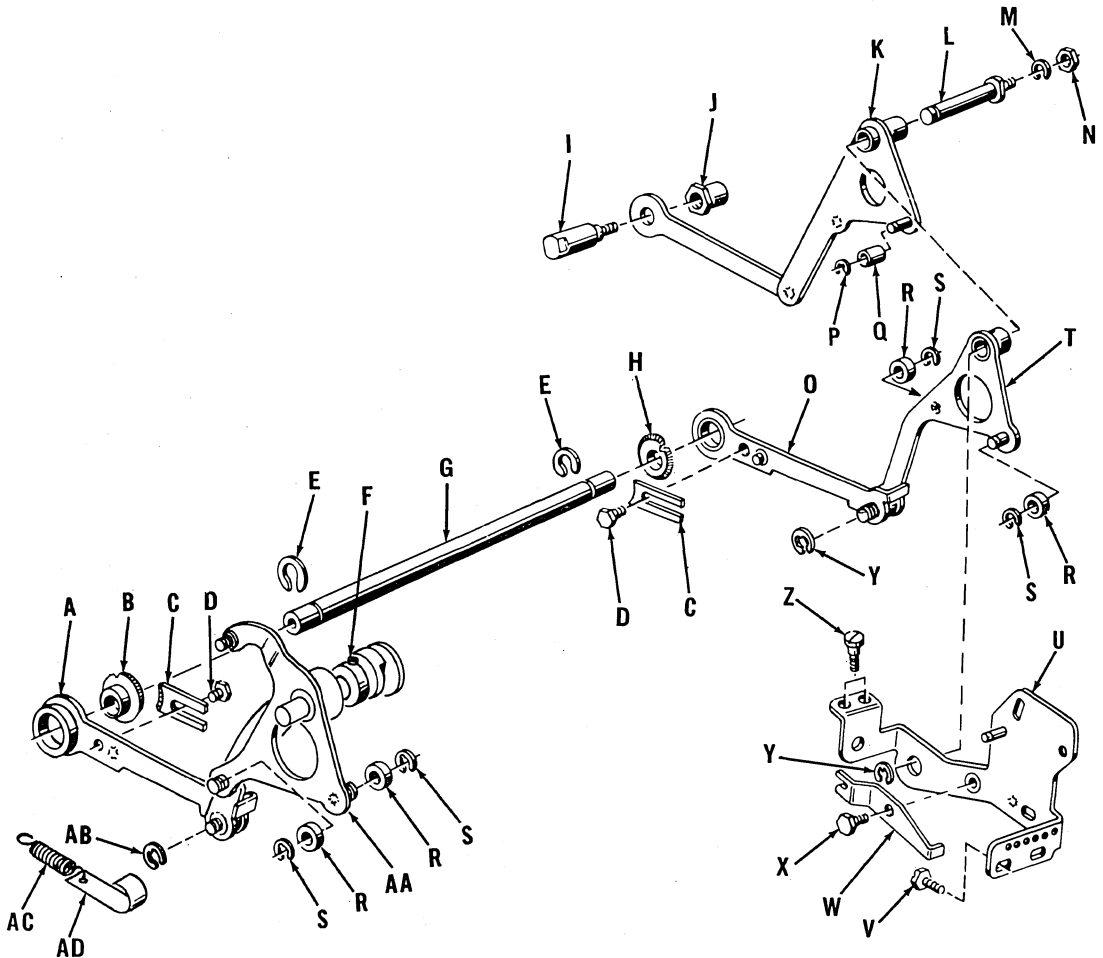
COMPLETE MAIN CAMSHAFT AND DRIVE GEAR ASSEMBLY (PLATE VII-3)



<u>Machine Style</u>	<u>Part Number</u>
F8111, F8126, F8160	1506 7598
F8170, F8190	

Power

DRIVE ARMS AND RACK BAR ACTUATING SHAFT (PLATE VII-4)



PART NUMBERS (PLATE VII-4)

A	1506 8091	left drive arm		
B	1328 7768	eccentric locking bushing		
C	1506 7978	locking plate		
D	1340 5717	screw		
E	1300 1458	clip		
F	1028 8850	screw		
✓G	1328 4138	shaft, for left drive arm with offset		
	1529 2980	shaft, for left drive arm without offset		
H	1328 7750	eccentric locking bushing		
I	1300 8487	screw post		
J	1301 0061	nut		
K	1300 9279	follower arm		
L	1506 7986	pivot post		
M	1256 7467	lockwasher		
N	1010 0337	nut		
O	1506 7929	right drive arm		
P	1255 3129	clip		
Q	1337 8963	.243" O.D.	} roll, use as required	
	1337 8971	.250" O.D.		
	1337 8989	.253" O.D.		
	1337 8997	.256" O.D.		
R	1300 9675	stamped A1 (.363" O.D.)	} roll, use as required	
	1300 9683	stamped A2 (.367" O.D.)		
	1300 9691	stamped A3 (.371" O.D.)		
	1300 9709	stamped A4 (.375" O.D.)		
	1300 9717	stamped A5 (.379" O.D.)		
	1300 9725	stamped A6 (.383" O.D.)		
	1300 9733	stamped A7 (.387" O.D.)		
	1300 9741	stamped A8 (.391" O.D.)		
S	1010 0147	clip		
T	1506 7945	right follower arm		
U	1325 2911	support bracket		
V	1010 8991	screw		
W	1326 1938	support brace		
✓X	1343 0202	screw		
Y	1255 3178	clip		
Z	1010 7928	shoulder screw		
✓AA	1529 2972	left drive arm (without offset) after F184598P		
	1529 1859	left drive arm (with offset) after F184598P		
	-- --	Before mach F184599P, use 1529 1859 drive arm and 1529 1800 arm.		
AB	1255 3152	clip		
✓AC	1529 0505	spring		
✓AD	1529 0489	spring anchor		

Power

SWITCHES (PLATE VII-5)

ELEC. DIAGRAM REFERENCE	PART NUMBER	DESCRIPTION
S1	1343 1242	Punch control key 1
S2	1343 1242	Punch control key 2
S3	1343 1242	Punch control key 3
S4	1343 1242	Punch control key 3
S5	1343 1242	Punch control key 5
S6	1343 1242	Punch control key 6
S7	1343 1192	Punch On
S8	1343 1192	Power On
S11	1343 1242	Motor bar #1, Punch
S12	1343 1242	Motor Bar #3, Punch
S13	1343 1242	Motor Bar #4, Punch
S14	1343 1242	Cge. control disable lever, Punch
S20	1343 1242	Slide B, Punch
S21	1343 1242	Slide A, Punch
S26		Lane 31, Punch
S27		Lane 32, Punch
S31	1343 1242	Lane 25B, Punch
S32	1343 1242	Lane 25A, Punch
S47	1343 1143	In-tab, Punch
S48	1343 1143	Carriage open, Punch
S54	1311 8492	Cam switch 1, Punch
S55	1311 8492	Cam switch 2, Punch
S59	1341 1590	Slide 8, Punch
S60	1341 1590	Slide 7, Punch
S61 } thru } S66 }		See Timing Cam Switch Assembly
S68	1343 1242	Total, Punch
S69	1343 1242	Total, Punch
S81	1343 1242	Shift, Punch
S82	1343 1242	Shift, Punch
S85 FRONT	1333 2945	Alpha readout, Punch
S85 REAR	1333 2929	Alpha readout, Punch
S86	1343 1143	Space bar, Punch
S91	1336 6836	Cge. control common, Punch
S92	1343 1143	Ret. 3 key, Punch
S93	1343 1143	Tab, Punch
S94	1343 1143	Ret. 1 key, Punch
S95	1343 1143	Ret. 2 key, Punch
S701	1336 6836	Keyboard switch #1
S702	1336 6836	Keyboard switch #2
S703	1336 6836	Keyboard switch #3
S704	1336 6836	Keyboard switch #4
S705	1341 8314	Main power switch
S706	1341 1590	Back Space
S708	1343 1143	Typewriter drive trip
S709	1341 1368	Shift interlock
S710	1343 1143	Drive trip interlock
S711	1341 1681	Tab. interlock
S713 } thru } S718 }		See Timing Cam Switch Assembly
S719	1343 1242	Motor bar #1
S720	1343 1143	C 1 key
S721	1343 1143	C 2 key
S722	1343 1143	M 1 key
S723	1343 1143	M 2 key

Power

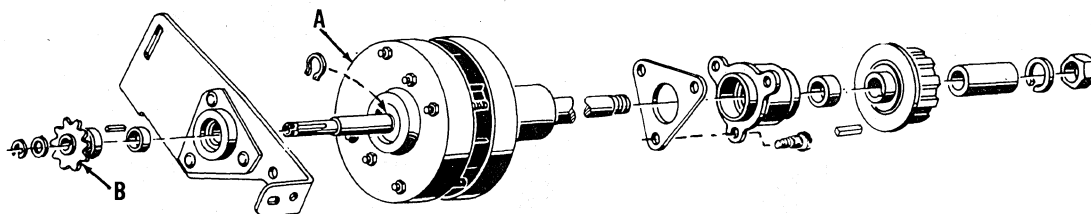
PART NUMBERS (PLATE VII-5) CONTINUED

ELEC. DIAGRAM REFERENCE	PART NUMBER	DESCRIPTION
S724	1341 1780	Cge. control disable lever
S726	1343 1242	Read-In, switch #1
S727	1343 1242	Read-In, switch #2
S728		See Fixed Factor Switch Assembly
S730	1503 8805	Speed Control
S733 thru S736		See Electrical Sensing Lane Assembly
S737	1341 1848	Lane 37
S738	1341 1848	Lane 38
S739	1341 1848	Lane 38
✓ S745	1341 1780	F8170, F8190 } solenoid F8126 } gate switch
	1343 1242	
✓ S740	1510 8673	Total
✓ S741	1510 8673	Subtotal
S750		See Read-In Unit Assembly

ELECTRICAL COMPONENTS (PLATE VII-6)

ELEC. DIAGRAM REFERENCE	DESCRIPTION	PART NUMBERS
	Choke, 10 MH	1503 9746
	Reed relay	1503 9688
	Wire contact relay, 12 form C	1503 9860
	Power relay	1507 7142
	Magnetic reed relay	1525 4303
	Jumper for TB102	1340 6814
TB7	terminal board	1340 7473
TB102	terminal board	1338 9275
TB103	terminal board	1342 8578
TB8	terminal board, tape	1503 8763
	terminal board, card	1503 8771
L701 thru L703	Solenoid, lanes 28 thru 30	1340 7838
L704	Solenoid, lane 27	1326 1664
L705	Cge. movement solenoid	1341 8694
L706	Typewriter drive trip solenoid	1340 7929
L707	Machine trip solenoid	1326 1615
L751 thru L762	Read-In solenoid	1510 6313

MAGNETIC CLUTCH (PLATE VII-7)

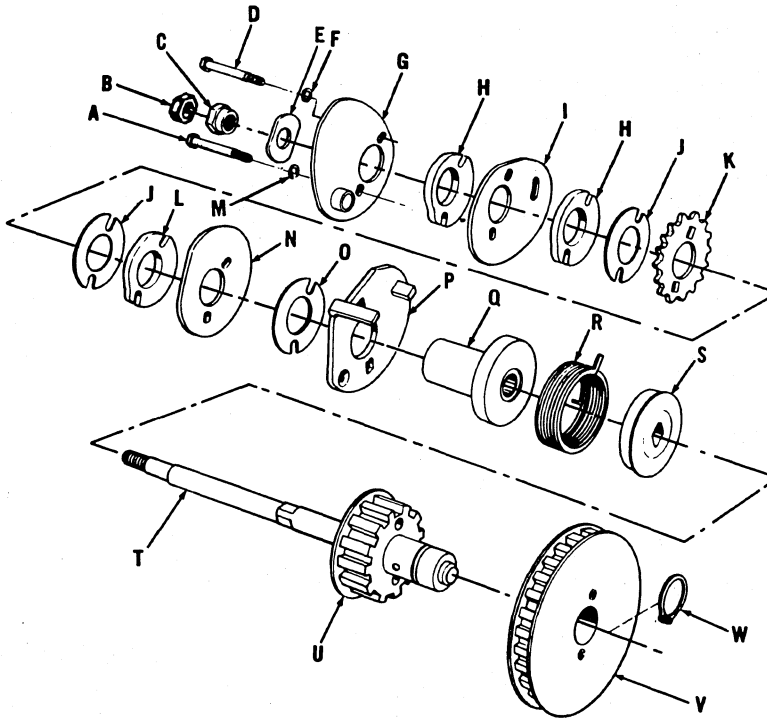


PART NUMBERS (PLATE VII-7)

Complete clutch assemblies:	A	1503 0406	clutch only
1502 7279 for rear insertion machines, output torque 19" oz. ± 1" oz.	B	1502 7121	sprocket (illustrated) for rear insertion machines. Sprocket must be reversed for use on side insertion machines.
1529 3558 for side insertion machines, output torque 22" oz. ± 1" oz. marked with red dot.			

Power

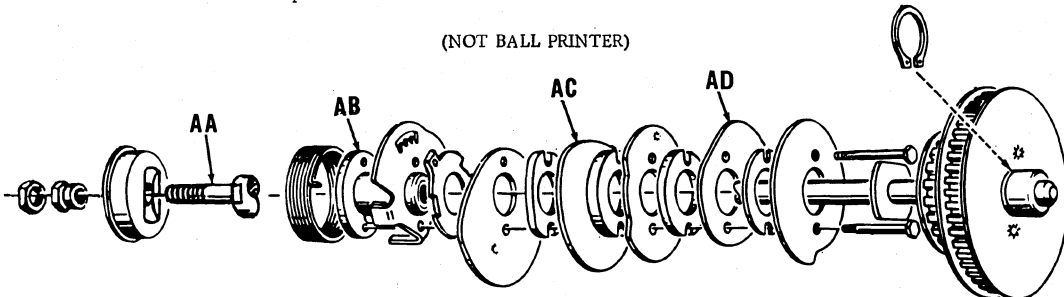
✓ TYPEWRITER CAMSHAFT (PLATE VII-8)  
(Ball Printer)



PART NUMBERS (PLATE VII-8)

1504 2377	spring cam and clutch assembly, includes A, C, F thru Q	L	1336 7834	spacer
A	1341 8256	M	1337 1109	washer
B	1311 5696	N	1523 5880	cam
C	1502 5091	O	1504 2385	spacer
D	1341 8264	P	1504 2401	cam
E	1341 7803	Q	1504 2302	clutch arbor
F	1010 9858	R	1504 2252	main drive clutch spring
G	1504 2245	S	1504 2294	clutch disk
H	1336 7859	T	1504 9943	camshaft, includes U
I	1336 7875	U	-- --	included in T
J	1504 2450	V	1338 6909	pulley
K	1504 2260	W	1256 9299	retaining ring

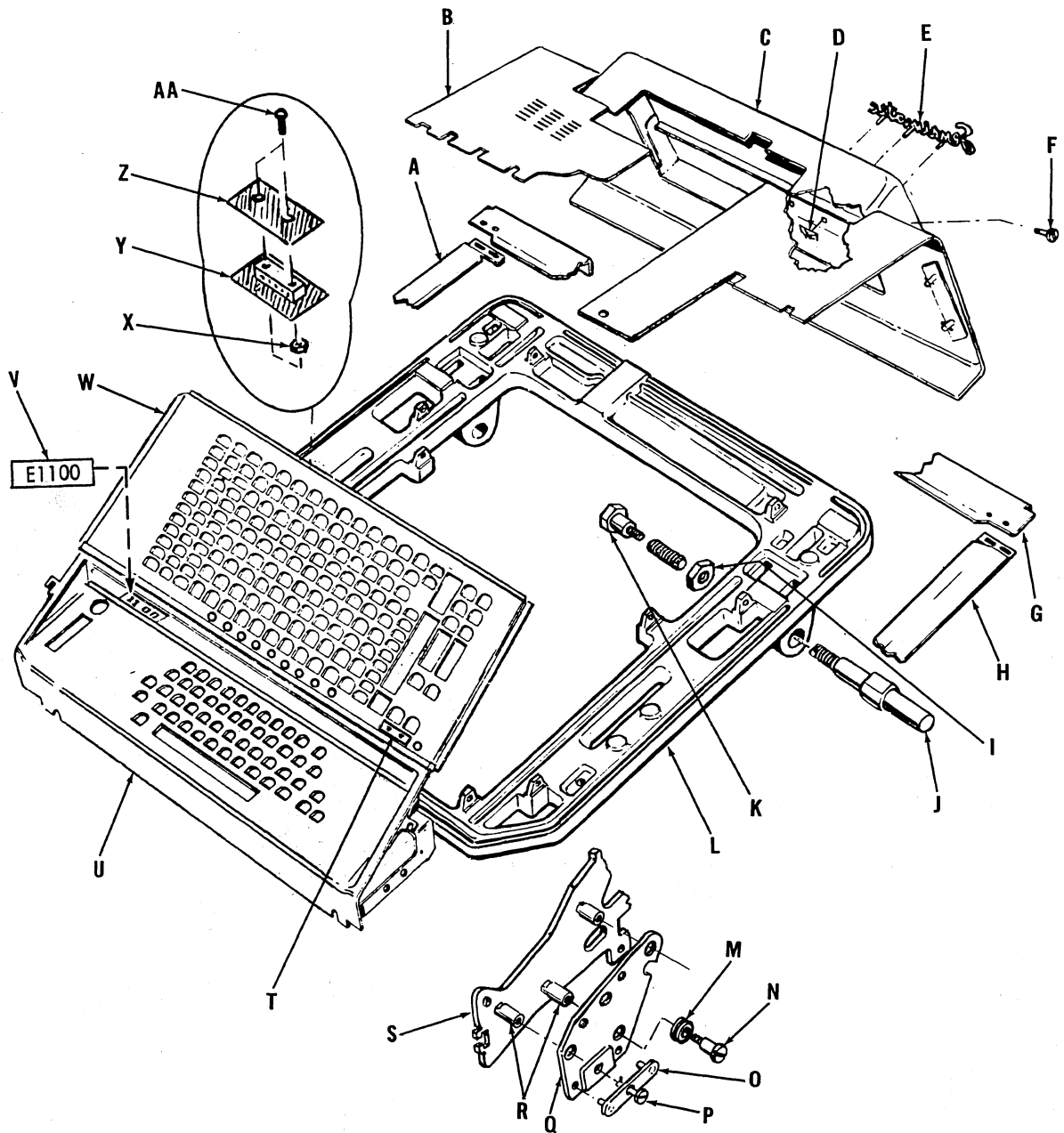
(NOT BALL PRINTER)



AA	1502 5117	cam drive shaft arbor only	AC	1336 7883	for F8111, F8126	} cam
AB	1336 7800			1523 6052	for F8166, F8170, F8190	
	1336 7784	for F8111, F8126	AD	1336 7909	for F8111, F8126	} cam
	1523 6094	for F8166, F8170, F8190		1523 5880	for F8166, F8170, F8190	

Base and Case

BASE AND CASE - E1000 (PLATE VIII-1)



PART NUMBERS (PLATE VIII-1)

A	1502 6933	left filler strip	H	1502 6925	right filler strip
✓ B	1506 9289	rear case panel, beige 125	I	1511 4028	nut
	1533 2703	rear case panel, ball printer, gray 228	J	1511 3335	pivot post
C	1506 6798	dust cover	K	1340 4652	shoulder screw
D	1256 5909	speed nut	L	1510 8939	without E core pulse generator
✓ E	1341 3976	nameplate (shown)		1507 6011	with E core pulse generator
	1533 4709	nameplate "BURROUGHS", use 1256 5925 nuts			} base casting
F	1340 4629	screw, use 1311 4863 washer	M	1341 9106	
G	1502 6875	rear filler strip, use 1257 2574 screws, 1256 7442 lockwashers and 1256 5248 nuts	N	1341 9098	shoulder screw
			O	1326 0922	retainer plate

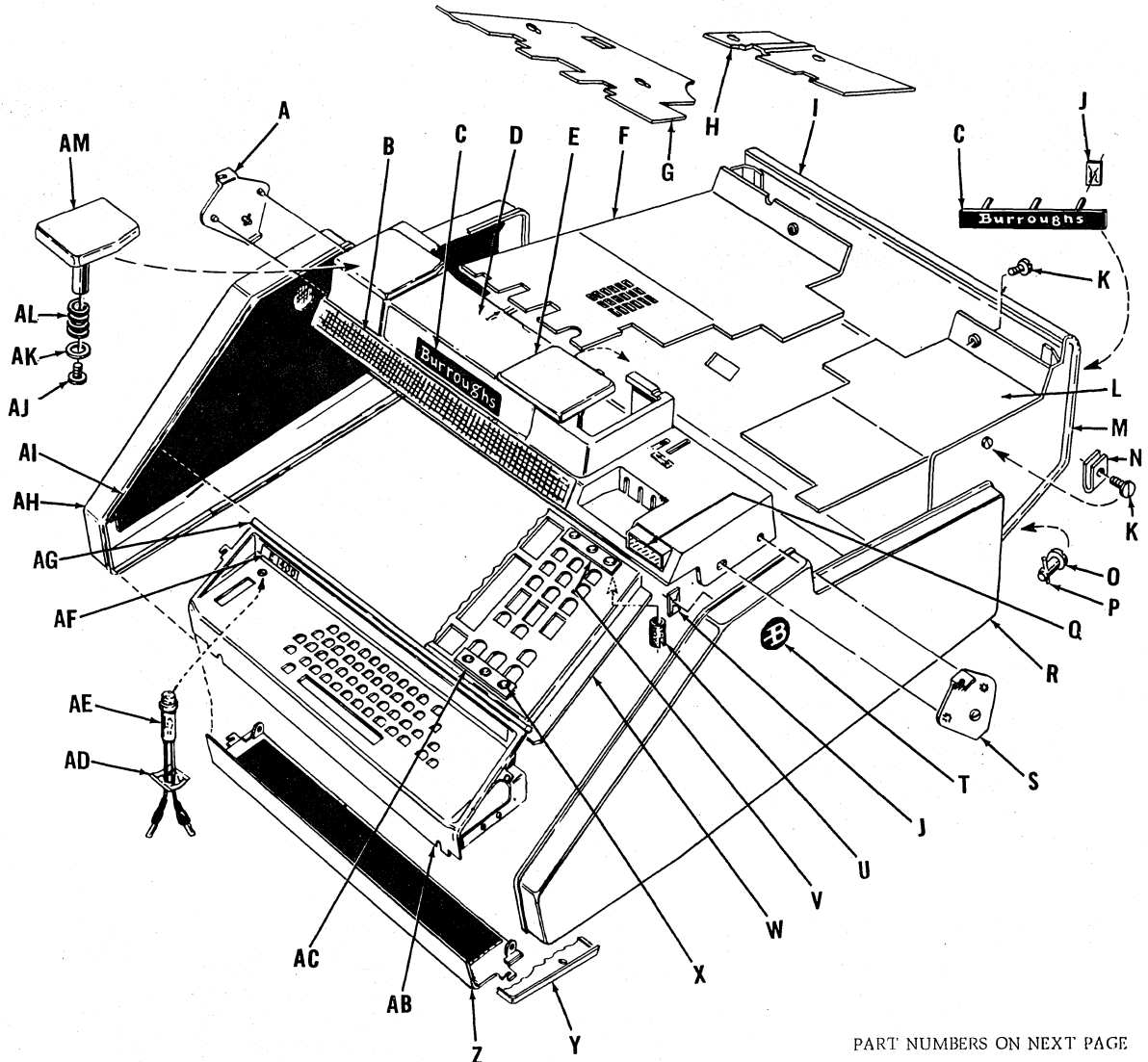
PART NUMBERS CONTINUED ON NEXT PAGE



PART NUMBERS (PLATE VIII-1) CONTINUED

P	1341 9148	pin type screw, use 1341 9163 pin	W	1507 9528	false keyboard, F8111, blue 704
Q	1326 0864	without P and PA		1533 3818	false keyboard, F8111, gray 227
	1326 0914	with P and PA		1507 9866	false keyboard, F8111 P & PA, blue 704
		} bracket		1533 3941	false keyboard, F8111 P & PA, gray 227
R	1341 9023	post		1507 9551	false keyboard, F8126, blue 704
S	1506 8026	auxiliary right sideframe		1533 3826	false keyboard, F8126, gray 227
T	1507 9569	system alert and cross- footer incomplete		1507 9874	false keyboard, F8126 P & PA, blue 704
	1507 9593	system alert		1533 3958	false keyboard, F8126 P & PA, gray 227
	1526 0102	system alert & print check		1526 0078	false keyboard, F8170, blue 704
		} decal	X	1342 8370	nut
U	1502 7907	keyboard panel (shown), blue 704	Y	1338 9671	terminal block
	1502 7956	keyboard panel, P & PA, blue 704	Z	1341 9874	insulation paper
	1528 4912	keyboard and front panel, ball printer, gray 228	AA	1256 0918	screw
V	1506 7440	decal (E1100)			} for P and PA
	1526 0193	decal (E1200)			
	1526 1894	decal (E3200)			
	1526 6118	decal (E3100)			
	1533 3800	decal (E1000)			

CASE DETAILS - 66 LANE STYLE (PLATE VIII-2)

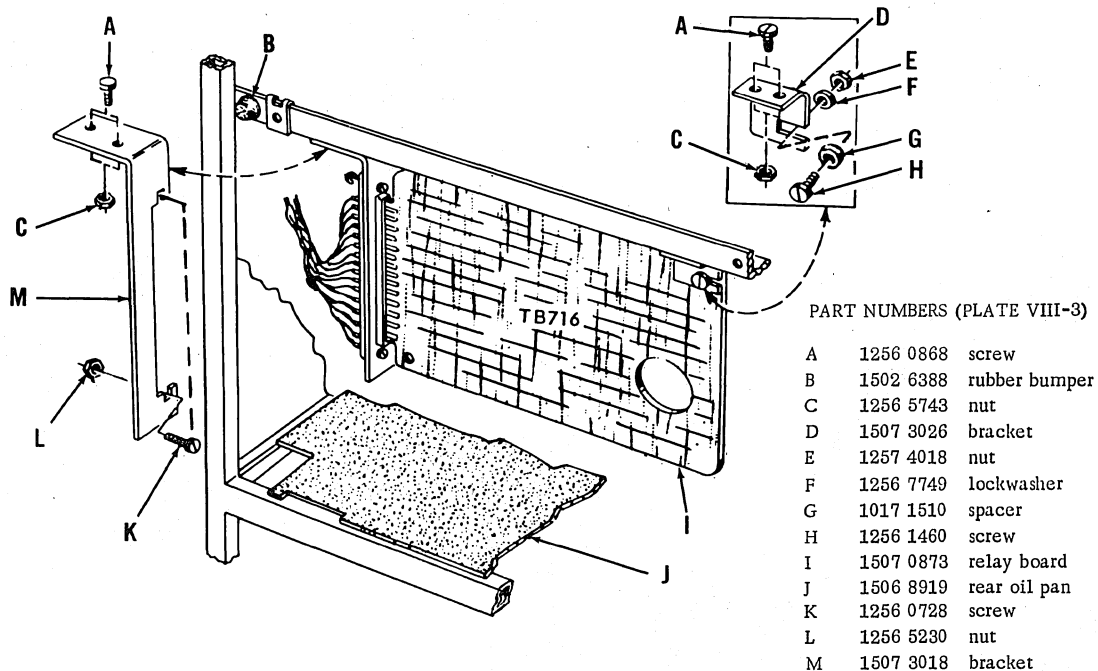


Base and Case

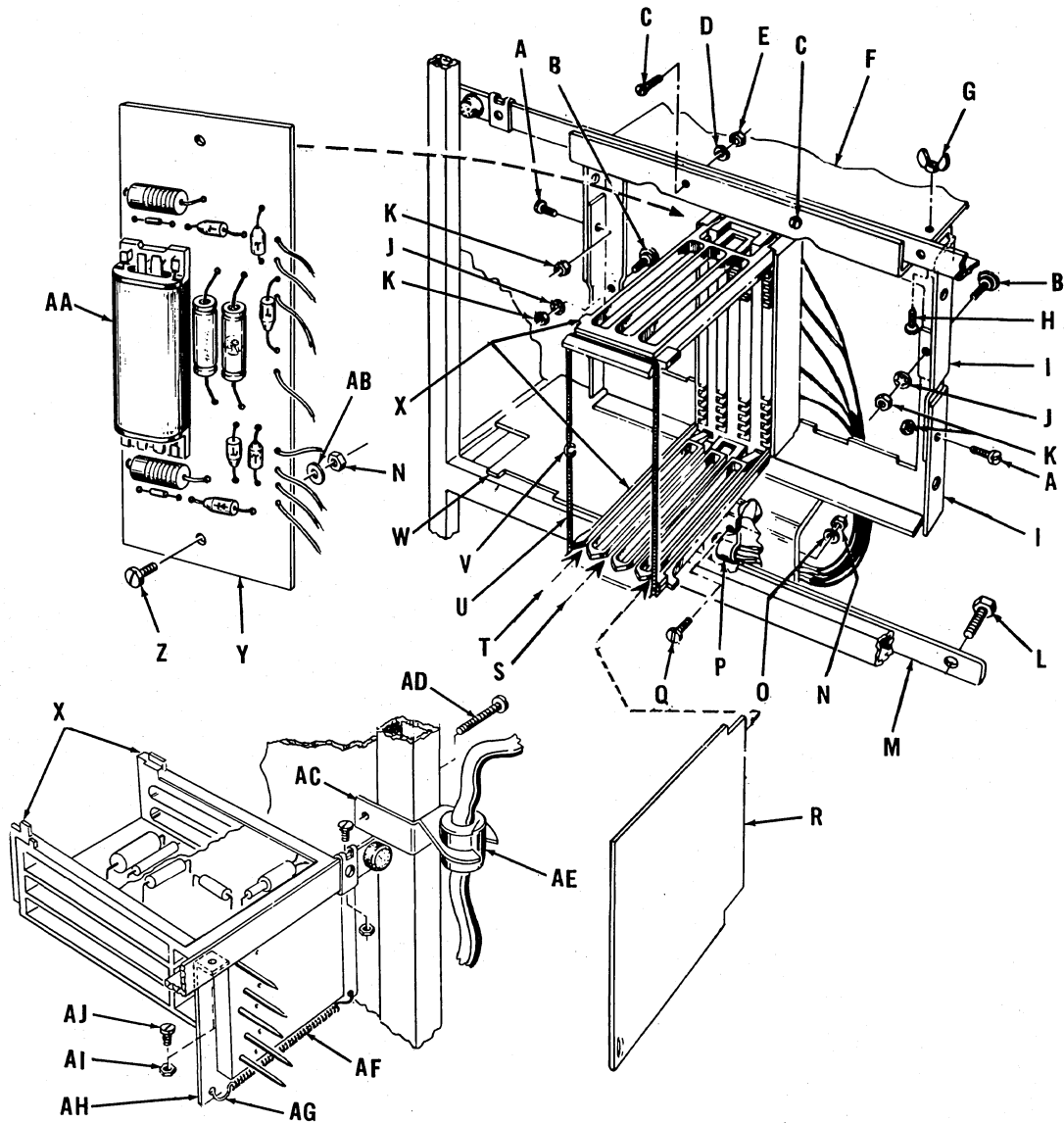
✓ PART NUMBERS (PLATE VIII-2)

A	1326 0955	bracket	U	1525 2794	shield
B	1341 8991	aluminum strip	V	1525 2703	decal, "RD, WRT, FLS"
C	1341 4370	nameplate, sepia background, use 1256 5925 nut	W	1525 2687	false keyboard, F8166, blue 704
	1533 4709	nameplate, blue background, use 1338 8111 speed nut on ribbon turret and 1256 5925 speed nut on rear case panel		1525 6035	false keyboard, F8190, blue 704
D	1523 1525	ribbon turret, beige 125, includes B, E, AJ, AK, AL, AM		1525 6043	false keyboard, F8190 P & PA, blue 704
	1528 0283	ribbon turret, gray 228		1533 0541	false keyboard, F8190, gray 227
E	1522 5733	ribbon cover		1533 4774	false keyboard, F8190 P & PA, gray 227
F	1511 1230	left top cover, beige 125	X	1510 9135	lamp reflector
	1528 7246	left top cover, gray 227	Y	1502 6669	oil pan (shown)
G	1325 0451	dust cover		1528 0316	oil pan, plastic, gray 228
H	1511 1255	dust cover	Z	1325 0899	front case panel (shown), blue 704
✓ I	1506 2243	rear case panel, use 1507 0360 plug in hole when connector 1509 9351 (J801) is not used		1528 4904	front & keyboard cover, plastic, gray 228
	1528 7253	rear case panel, gray 228	AB	1502 7907	keyboard panel (shown), blue 704
J	1256 5925	speed nut		1528 4904	front & keyboard cover, plastic, gray 228
K	1340 5477	screw	AC	1525 2695	decal, SA, VER, CFI
L	1511 1222	right top cover, beige 125		1525 6399	decal, SA, VER, PRT
	1528 7188	right top cover, gray 227	AD	1338 8079	clip
M	1511 1388	right } rubber molding	AE	1342 0013	signal light
	1511 1396	left } rubber molding	AF	1526 0060	decal (E1400)
N	1300 1508	speed nut		1526 1126	decal (E3400)
O	1341 9155	stud		1533 0574	decal (E3000)
P	1341 9163	pin	AG	1341 8967	rubber beading
Q	1523 1186	plastic window	AH	1522 5147	left case panel, beige 125
R	1522 5139	right case panel, beige 125		1528 0308	left case panel, blue 711
	1528 0225	right case panel, blue 711	AI	1341 8975	front } beading
S	1326 0963	bracket		1341 8983	rear } beading
T	1341 4321	medallion, chrome on brown	AJ	1025 6154	screw
	1026 8712	medallion, chrome on red	AK	1024 7906	washer
			AL	1341 9114	spring
			AM	1522 5725	ribbon cover

REED RELAY BOARD - E1100, E1200 (PLATE VIII-3)



REED RELAY BOARDS - E1400, E3000 (PLATE VIII-4)

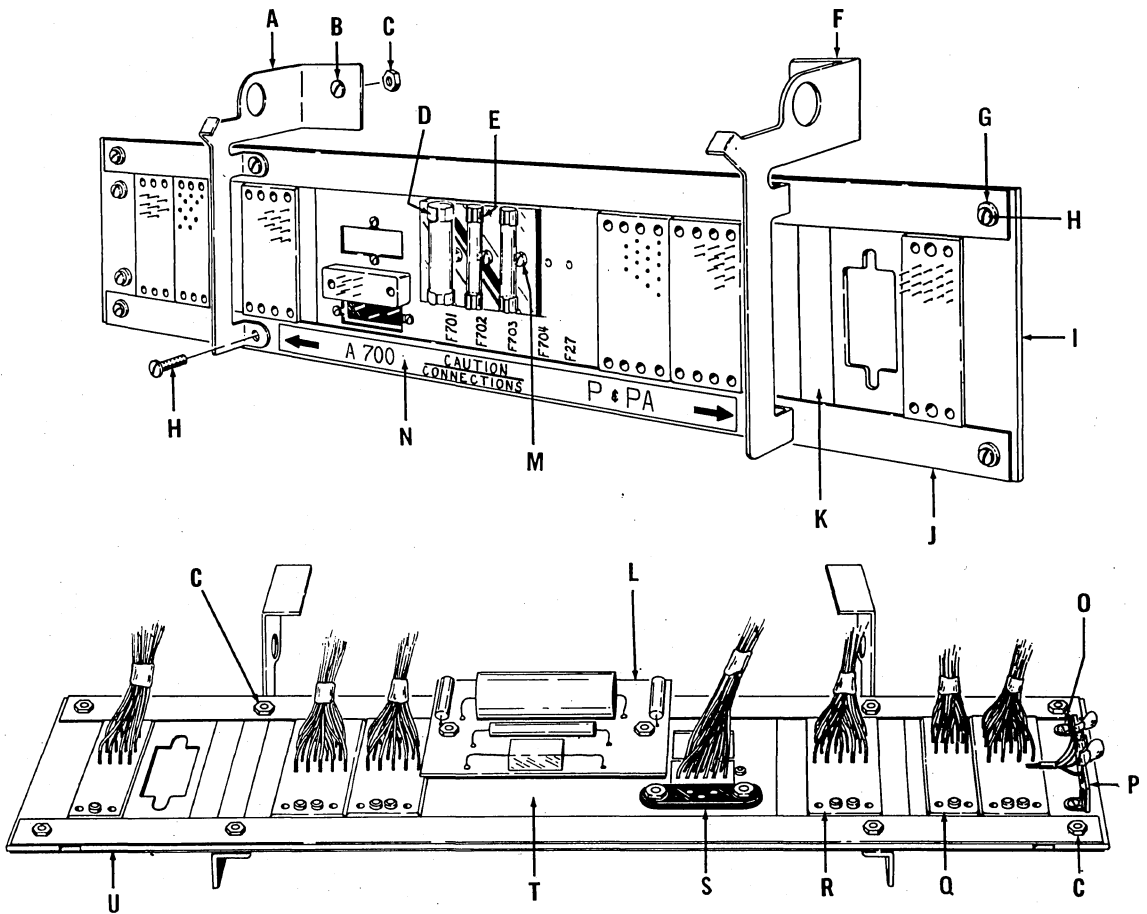


PART NUMBERS (PLATE VIII-4)

A	1256 1262	screw		1523 9205	harness clamp,	X	1337 2693	card guide
B	1321 6940	shoulder screw		1256 0868	screw 2 req.,	Y	1525 1796	component board,
C	1256 1114	screw		& 1256 5248	nut 2 req.	Z	1256 0850	screw
D	1256 7459	lockwasher	N	1256 5248	nut	AA	1526 4138	reed relay
E	1256 5263	nut	O	1337 2180	washer	AB	1256 8010	washer
F	-- --	change, same as ref. "M"	P	1323 9272	cable clamp	AC	1524 4023	bracket
G	1342 5368	wing nut	Q	1256 0868	screw	AD	1256 1569	screw
H	1256 1460	screw	R	1525 1689	for F8160	AE	1524 4015	cable clamp
I	1509 7769	receptacle frame		1525 7389	for F8190	AF	1340 8935	spring
J	1010 4370	lockwasher		1525 7462	for F8170	AG	1341 9226	spring anchor
K	1256 5271	nut		1525 7546	for F8180	AH	1333 7134	bracket
L	1256 6451	screw	S	1525 1697	A1C card	AI	1256 5248	nut
M	-- --	use 1333 7134 bracket	T	1525 1705	A1D card	AJ	1256 0868	screw
		2 req., 1341 2226	U	1301 9666	spring			
		spring anchor 2 req.,	V	1026 6278	anchor			
		1340 8935 spring,	W	1506 8919	rear oil pan			

Base and Case

CONNECTOR PLATE, P & J (PLATE VIII-5)

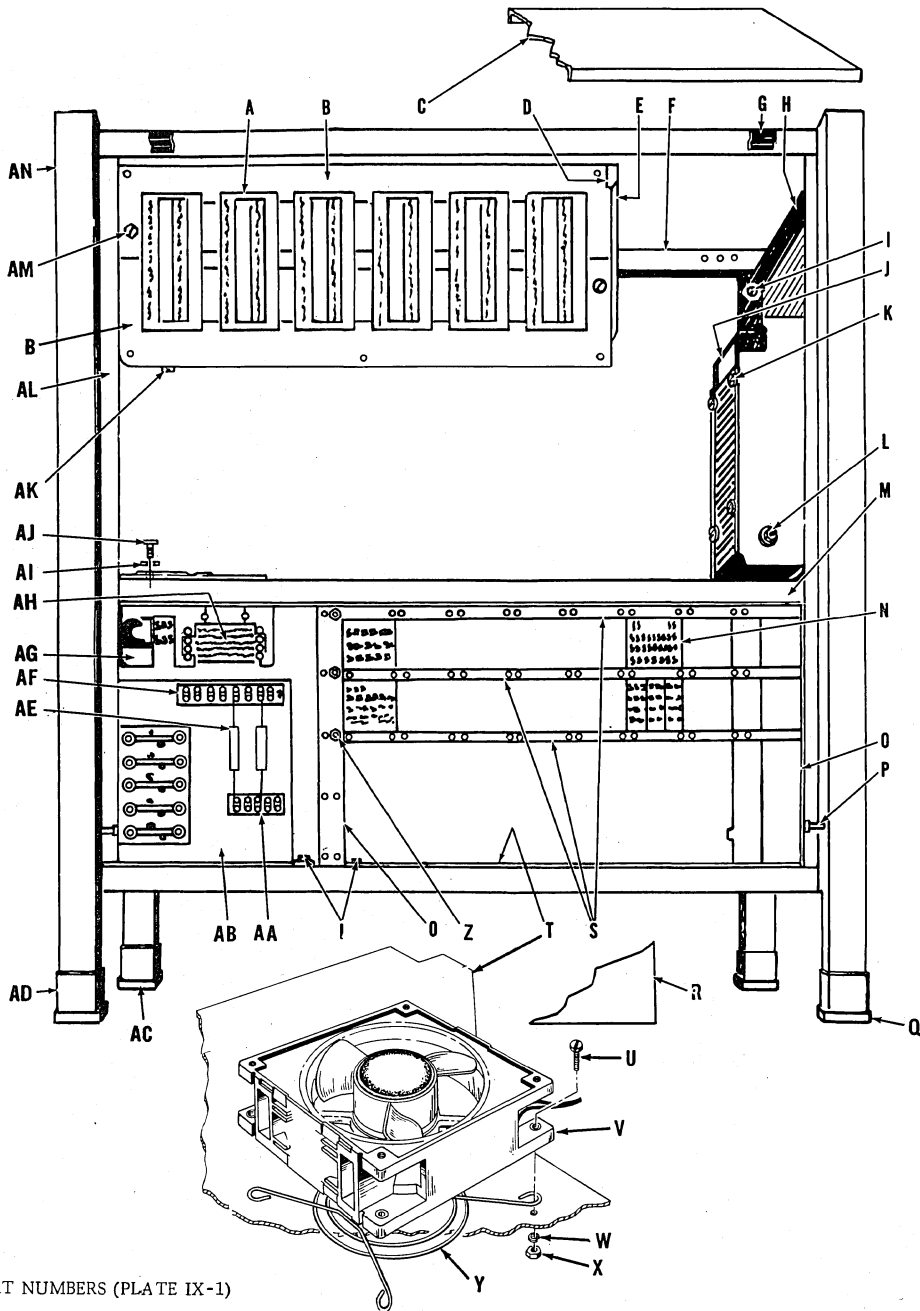


PART NUMBERS (PLATE VIII-5)

A	1506 8356	mounting bracket, left	K	1506 8372	spacing plate
B	1340 4652	screw	L	1340 7473	terminal board assembly
C	1256 5248	nut	M	1256 0868	screw, use 1256 5248 nut
D	1525 1713	fuse holder	N	1526 2298	decal
E	1323 8175	fuse holder	O	1256 0850	screw
F	1506 8349	mounting bracket, right	P	1526 2371	terminal board
G	1256 7442	lockwasher	Q	1338 9952	connector
H	1256 0876	screw	R	1324 0445	connector
I	1256 2388	spacing plate	S	1300 1466	line cord receptacle
J	1506 8398	cross bar	T	1525 2760	mounting plate
			U	1506 8406	spacing plate

Adjunct

DESK SECTION - A 700 (PLATE IX-1)



PART NUMBERS (PLATE IX-1)

- |     |           |  |  |  |  |  |
|-----|-----------|--|--|--|--|--|
| A   | 1504 0090 | card receptacle, use 1529 4507 shield  |  |  |  |  |
| ✓ B | 1506 8661 | non-pop rivet constr.  | } receptacle frame,<br>top and bottom  |  |  |  |
|     | 1529 6320 | pop rivet constr.  |  |  |  |  |
|     | 1507 3323 | non-pop rivet constr.  |  |  |  |  |
|     | 1529 6338 | pop rivet constr.  | } center support   |  |  |  |
| ✓ C | 1506 8562 | metal desk top, use 1324 1229 screws   |  |  |  |  |
|     | 1533 2141 | angular (Formica) desk top, use<br>1256 4720 screws  |  |  |  |  |
| D   | 1529 2790 | support bracket  |  |  |  |  |
| ✓ E | 1529 6312 | for A710   | } sideframe, use 1256 1106<br>screws, 1256 1296 screws,<br>1256 7467 lockwashers and<br>1338 7246 nuts |  |  |  |
|     | 1529 6346 | for A720,<br>A760, A790  |  |  |  |  |
|     |           |  |  |  |  |  |
| F   | 1505 8944 | right desk frame   |  |  |  |  |
| G   | 1316 6947 | spring clip, use 1321 7328 screws  |  |  |  |  |
| H   | 1506 8695 | with fixed factor  | } A710<br>front panel  |  |  |  |
|     | 1506 9248 | without fixed factor   |  |  |  |  |
|     | 1505 8951 | for A720, A760 use 1507 3679<br>indicator light, 1525 9047 toggle<br>switch & 1529 2154 lockwasher |  |  |  |  |
|     | 1324 1229 | self tapping screw   |  |  |  |  |
|     | 1529 1347 | pop rivet  |  |  |  |  |

PART NUMBERS CONTINUED ON NEXT PAGE

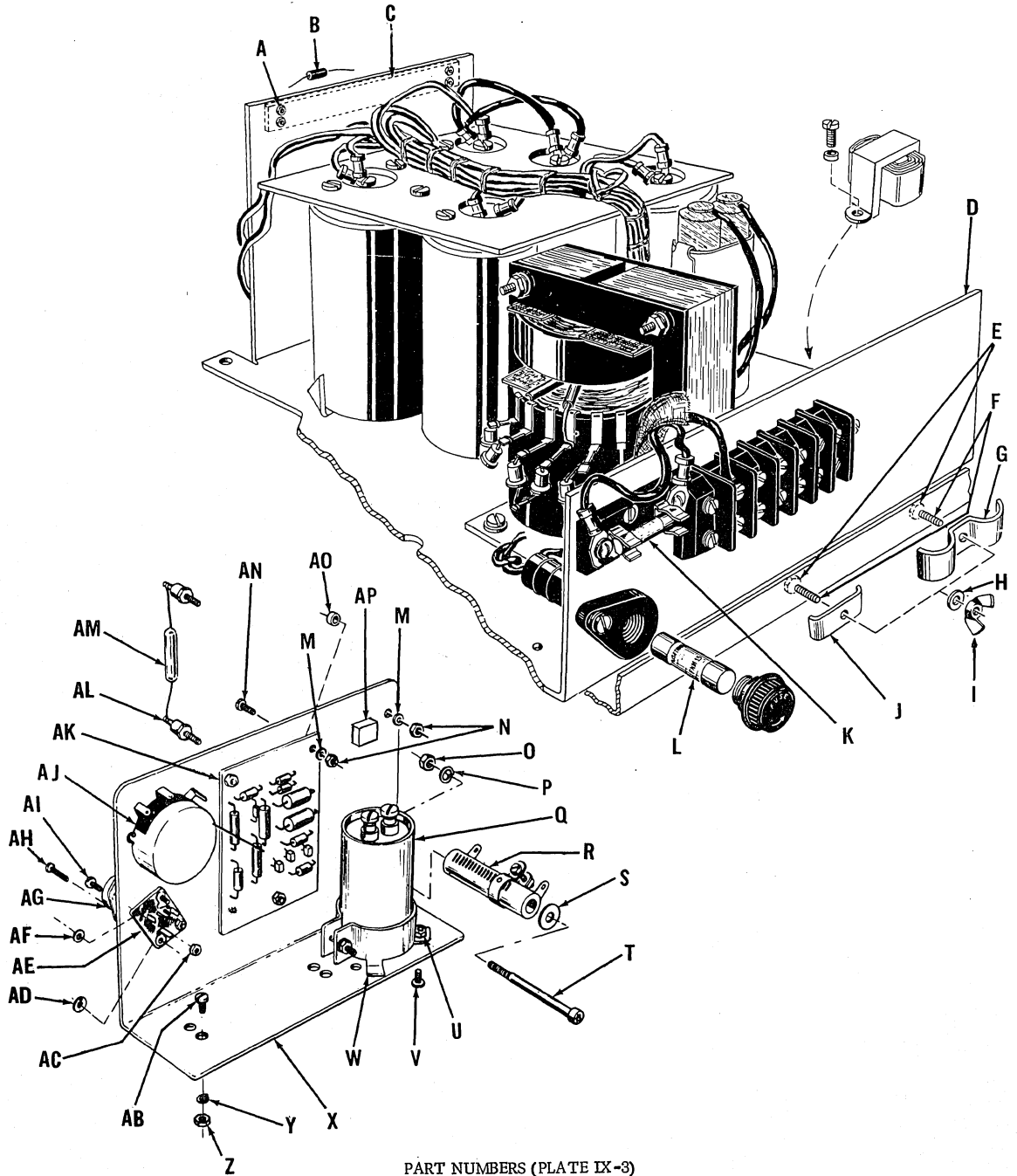
Adjunct

PART NUMBERS (PLATE IX-1) CONTINUED

J	1506 8802	with 9 fixed factor.	} plugboard ass'y, use jumper wires: 1310 8527 2" long 1310 8543 3 1/8" long 1310 8568 5 1/2" long 1310 8576 10" long	U	1256 0918	screw
	1507 4206	with 9 additional fixed factor		V	1310 2645	fan
	1507 4214	with 18 additional fixed factor		W	1256 7459	lockwasher
				X	1256 5248	nut
			Y	1522 7267	guard	
			Z	1256 0900	screw, use 1256 7707 lockwasher and 1256 5248 nut	
K	1256 1262	screw	AA	1342 8594	terminal strip, use 1311 7247 screw, 1256 7681 lockwasher and 1257 3796 nut	
L	1340 4611	shoulder screw, use 1256 0836 flat washer, 1256 7459 lockwasher, and 1256 5263 nut; also, use 1314 1056 magnetic catch, 1321 7328 self-tapping screws and 1506 8679 door	AB	1503 8482 1507 1798 1526 0037	for A710 for A720 for A760	} 60 cycle power supply sub-assembly
M	1506 8752	channel cross member	AC	1511 4036	adjustable foot	
N	1503 9878	relay receptacle, use 1503 9860 relay	✓ AD	1533 5771	leg sleeve	
O	1506 8745	support bracket	AE	1503 9688	reed relay	
P	1257 1022	screw, use 1337 6223 sleeve	AF	1338 9275	terminal strip, use 1311 7247 screw, 1256 7681 lockwasher and 1257 3796 nut	
Q	1506 8505	leg cap, non-adjustable	AG	1506 8786	mounting bracket	
R	1506 8687	side panels	AH	1311 8872	relay, use 1256 0322 screws and 1340 2656 diode	
S	1506 8703	mounting channel, use 1503 9993 mounting clip (top), 1504 0009 mounting clip, (bottom), and 1506 8794 screws	AI	1256 7707	lockwasher	
T	1505 9041	for A770	AJ	1257 0511	screw, use 1256 5206 nut	
	1529 1909	for A710, A720	AK	1321 6940	shoulder screw, use 1256 8036 washer, 1256 7467 lockwasher and 1256 5271 nut	
	1529 1917	for A760, A790				
--	--	Before A38913P, use 1529 1909 for A710 A720 or 1529 1917 shield for A760; also use 1522 7267 guard, 1310 2645 fan, 1321 9167 terminal 2 req., 1256 0918 screw 4 req., 1256 7459 lockwasher 4 req., and 1256 5248 nut 4 req.	AL	1506 8513	rear panel	
			AM	1256 1262	screw, use 1256 5271 nut	
			AN	1505 8936	left desk frame	

Adjunct

POWER SUPPLY ASSEMBLY (PLATE IX-3)



PART NUMBERS (PLATE IX-3)

1507 7787	A760	} complete power supply assembly	D	1526 0037	A 760, A 790	} power supply sub-assembly
1525 9880	A790			1507 1798	A720	
1507 3398	A720			1503 8482	A710	
1506 9149	A710					
A	1256 5180	nut, use 1256 7681 lockwasher and 1311 7247 screw	E	1256 5289	nut	
B	1316 4769	diode	F	1257 2830	screw	
C	1311 6090	terminal strip	G	1506 8729	intra-machine cable clamp	
			H	1256 8044	washer	
			I	1342 5368	wing nut	

PART NUMBERS CONTINUED ON NEXT PAGE

Adjunct

PART NUMBERS (PLATE IX-3) CONTINUED

✓ J	1506 8729	cable clamp, use 1525 9450 three prong wall cord	Z	1256 5263	nut
K	-- --	2 amp. fuse, refer to PLATE IX-4	AB	1256 1122	screw
L	-- --	12 amp. fuse, refer to PLATE IX-4	AC	1256 5206	nut
M	1256 7723	lockwasher	AD	1256 8036	washer
N	1256 5248	nut	AE	1507 7357	socket
O	1256 5263	nut	AF	1256 7707	lockwasher
P	1256 7459	lockwasher	AG	1507 7183	power transistor
Q	-- --	500 µfd capacitor, refer to PLATE IX-4	AH	1256 0355	screw
R	-- --	2 ohm resistor, refer to PLATE IX-4	AI	1256 0348	screw
✓ S	1323 8886	washer, use 1320 9424 mica washer (2 req.)	AJ	1008 0364	resistor
T	1256 1221	screw	AK	1507 7175	A760 } printed circuit card
U	<del>1256 5248</del>	<del>nut, use 1256 7723 lockwasher</del>		1525 9716	A790 }
V	1256 0843	screw	AL	1341 2598	terminal post
W	1002 0196	clamp	AM	-- --	50 ohm resistor, refer to PLATE IX-4
X	1507 7811	mounting plate	AN	1256 0884	screw
Y	1256 7459	lockwasher	AO	1337 4483	spacer
			✓ AP	1525 9641	relay

POWER SUPPLY COMPONENTS (PLATE IX-4)

Part Name	Description	Part Number
TRANSFORMER	117 volt, 60 cycle - A710	1525 6753
	A720	
	A760, A790	1526 3072
CAPACITOR	2 µfd, 660 volt - AC	1525 6902
	3 µfd, 660 volt - AC	1525 6845
	500 µfd, 35 volt - DC	1002 0071
	150 µfd, 6 volt - DC	1525 6944
	1200 µfd, 150 volt - DC	1525 6910
	1800 µfd, 125 volt - DC	1525 6852
	2800 µfd, 75 volt - DC	1525 6928
	3500 µfd, 75 volt - DC	1525 6860
	4500 µfd, 75 volt - DC	1525 7173
	9200 µfd, 15 volt - DC	1525 6936
	28000 µfd, 15 volt - DC	1525 6894
	36000 µfd, 7 volt - DC	1525 6886
	42000 µfd, 15 volt - DC	1525 6878
	55000 µfd, 20 volt - DC	1525 7090
RESISTOR	2 ohms, 25 watt - 10%	1324 1112
	15 ohms, 25 watt	1525 6456
	150 ohms, 5 watt - 10%	1266 5014
	750 ohms, 5 watt - 10%	1008 0364
	5K ohms, 5 watt	1525 6449
FUSE	.25 AMP, 250 volt - FB	1321 8623
	.50 AMP, 250 volt - FB	1321 8540
	.75 AMP, 250 volt - FB	1525 6464
	1 AMP, 250 volt - FB	1343 0939
	1.25 AMP, 250 volt - SB	1522 5824
	2 AMP, 125 volt - SB	1009 5511
	4 AMP, 250 volt - FB	1323 8100
	12 AMP, 125 volt - SB	1525 4378
TRANSISTOR	2N3054	1507 7183
DIODE	IN536 - 50 volt, 250 MA	1525 6472
	IN538 - 200 volt, 250 MA	1525 6480
	IN539 - 300 volt, 250 MA	1525 6498
	IN1217 - 50 volt, 1.6 AMP	1525 6506
	POWER - 50 volt, 5 AMP	1525 6548



## Adjunct

## ✓ PRINTED CIRCUIT CARDS - A710, A720, A760, A770, A790 (PLATE IX-2)

NOTE: When ordering a printed circuit card for replacement, use identity number etched or stamped on card to be replaced, when referring to chart below for correct part number.

Description	Part Number	Description	Part Number
-AAR FF's & decoder, with divide fte.	1525 7660	-ECF REGS EM	1525 8072
-AAR FF's & decoder, without divide fte	1506 9610	- ECF sequence control II	1525 1903
- Add & subtract II - A720, A760	1507 7431	- FF counter	1529 2329
To replace card 1507 1681, use card 1507 7431 and media package 1030848		To replace cards 1502 9233 or 1507 3695, use card 1529 2329 and media package 1042413	
-Add & subtract II, A770, A790	1525 8312	- Factor address register	1506 9701
- Auto reader control II	1525 4840	- Factor counter	1507 3521
To replace card 1525 4345, use card 1525 4840 and media package 1040037		- Fixed factor amps	1506 9552
- Aux AAR register	1525 1937	- Fixed factor FF's	1507 9460
To replace card 1507 6870, use card 1525 1937 and media package 1031440		To replace card 1506 9586, use card 1507 9460 and media package 1033628	
- ARIB 3, A760	1507 6425	- Group pulse counter	1525 3560
-ARIB 3 & XR, A770, A790	1525 8106	To replace card 1506 9883, use card 1525 3560 and media package 1032224	
- BIT & digit reg.	1526 2728	- 2 Head control II	1525 1960
-CDV 1	1525 4022	To replace card 1525 4295, use card 1525 1960 and media package 1031242	
-CDV2 II, A710, A720 and A770, A790 before A40078P	1526 0722	- IO register	1507 6458
To replace card 1525 4055, use card 1526 0722 and media package 1038882		- JAM, START & MUL II, A710, A720	1529 2055
-CDV2 EM, A770, A790 after A40077P	1526 2660	To replace card 1507 1897, use card 1529 2055 and media package 1041480	
-CDV3 II	1529 6106	- JAM, START & MUL II, A760, A770, A790	1529 1719
To replace card 1525 4089, use card 1529 6106 and media package 1040953		To replace card 1507 7258, use card 1529 1719 and media package 1041472	
-CDV 4	1525 4113	-KAL control	1525 8130
- Check status & sign of	1507 6755	- Ledger control II	1529 2436
- Clock, clear & MCF II	1529 1370	- LSD, 8 count & EOD II	1525 1861
To replace card 1506 9461, use card 1529 1370 and media package 1041878		To replace card 1506 9644, use card 1525 1861 and media package 1034469	
-CS & SO II	1526 2603	-MD digit & tens (30, 80 word)	1525 9591
To replace card 1525 7926, use card 1526 2603 and media package 1037967		-MD digit & tens (50, 80, 100 word)	1525 7694
Connector cards: When ordering individual connector cards <u>without cable attached</u> , use assembly number. This number is located under "Notes" on the card schematic or stamped in ink on the outside end of the connector card.		- Memory 4 word, A760	1507 6664
Connector cards <u>with cable attached</u> may be ordered by description thru F.E. Group II Products; also furnish unit serial number and feature construction.		-Memory 50 word, A790, A770	1525 9666
Core counter (see FF counter)		- Memory drivers	1507 6813
- 12 count	1507 1657	- Memory timing	1507 6607
-DB DR & timing	1525 8163	-MEM TMG & PRT	1526 2694
- DD register	1507 6482	- Parity register	1507 6540
-Divide control 1	1525 7801	- Print & clear, A720	1507 1715
-Divide control 2 II	1526 2322	- Print & clear, (A760, A770, A790) before A49456P	1507 7076
-Divide control 3	1525 7868	- Print & clear EM (A770, A790) after A49455P	1529 6072
-Divide control 4 II	1526 2355	- Print & pulse generator	1506 9529
-Divide control 5	1529 6213	-Print and pulse generator II (E core)	1529 0778
- EAC, plus, zero, check and carry	1507 7381	-PSM - KAL	1525 8288
To replace card 1507 1749, use card 1507 7381 and media package 1029865		- Read amps & print control	1507 6961
-ECF control EM	1525 7959	- Read-in drivers	1503 9209
- ECF instruction register	1507 6631	- Receive & transfer	1525 9757
		- RD, DMV, WT, CLK & BIT REG II	1525 9195
		To replace card 1507 6847, use card 1525 9195 and media package 1041886	
		- RND, ECF machine block & print check II	1525 9823
		To replace card 1506 9495, use card 1525 9823 and media package 1033529	

PART NUMBERS CONTINUED NEXT PAGE

## Adjunct

## PART NUMBERS (PLATE IX-2) CONTINUED

Description	Part Number
- Solenoid control II <i>A72-0</i> To replace card 1507 1624, use card 1529 4477 and media package 1040946	1525 4477
- Solenoid control (A760, A770, A790) before A49456P	1507 6789
- Solenoid control EM (A770, A790) after A49456P	1529 6049
- Special driver (30, 50 word)	1525 7728
- Special driver (80, 100 word)	1525 9658
- Stripe logic	1525 8049
- WAC's & units DR	1525 8197
- Word register	1507 6516
- Write check, A760	1507 7027
- Write check II, A790 To replace card 1525 8304, use cards 1529 2451 and 1529 2436; also media package	1529 2451
- WT REG & DR (30, 50 word)	1525 7769
- WT REG & DR (80, 100 word)	1525 7751
- WU & count	1525 8015

*I - Install together*

**ELECTRICAL**

**Burroughs**

FIELD ENGINEERING

**ELECTRICAL  
PARTS  
CATALOG**

600,000  
60K

RESISTORS

CAPACITORS

DIODES  
AND  
TRANSISTORS

INTEGRATED  
CIRCUITS  
(CHIPS)

FUSES

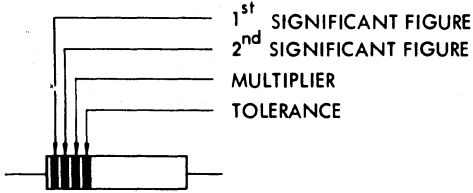
OTHER  
COMMON  
ELECTRICAL  
PARTS



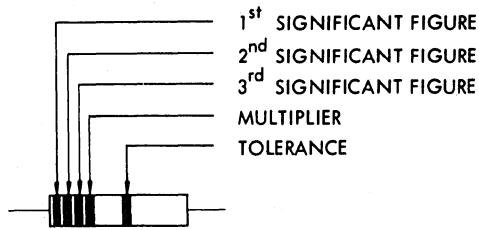
PROPERTY OF AND TO BE RETURNED TO

**Burroughs**

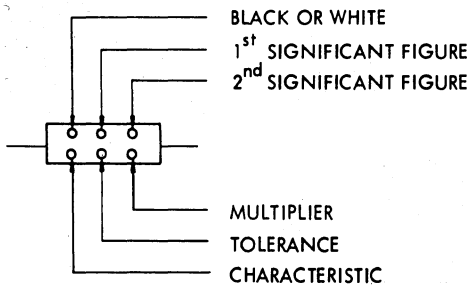
COMPOSITION RESISTORS



METAL FILM RESISTORS

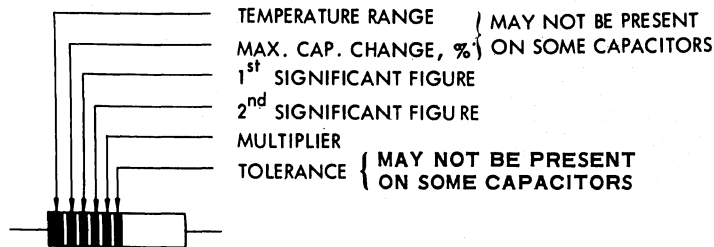


MICA CAPACITORS (VALUE IN PF)

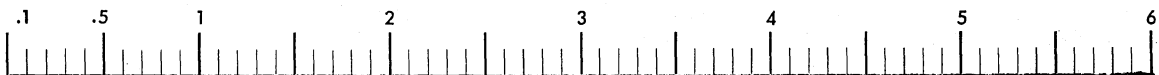


	SIGNIFICANT FIGURES		MULTIPLIER		TOLERANCE	
	RES.	CAPS.	RES.	CAPS.	RES.	CAPS.
BLACK	0		1	1		20%
BROWN	1		10	10	1 %	1%
RED	2		10 <sup>2</sup>	10 <sup>2</sup>	2 %	2%
ORANGE	3		10 <sup>3</sup>	10 <sup>3</sup>	3 %	3%
YELLOW	4		10 <sup>4</sup>	10 <sup>4</sup>	4%	
GREEN	5		10 <sup>5</sup>	10 <sup>5</sup>	0.5%	5%
BLUE	6		10 <sup>6</sup>	10 <sup>6</sup>		
VIOLET	7					
GRAY	8			10 <sup>-2</sup>		
WHITE	9			10 <sup>-1</sup>		10%
GOLD			10 <sup>-1</sup>		5 %	
SILVER			10 <sup>-2</sup>		10 %	

CERAMIC CAPACITORS



SCALE 1/10 INCH



INDEX

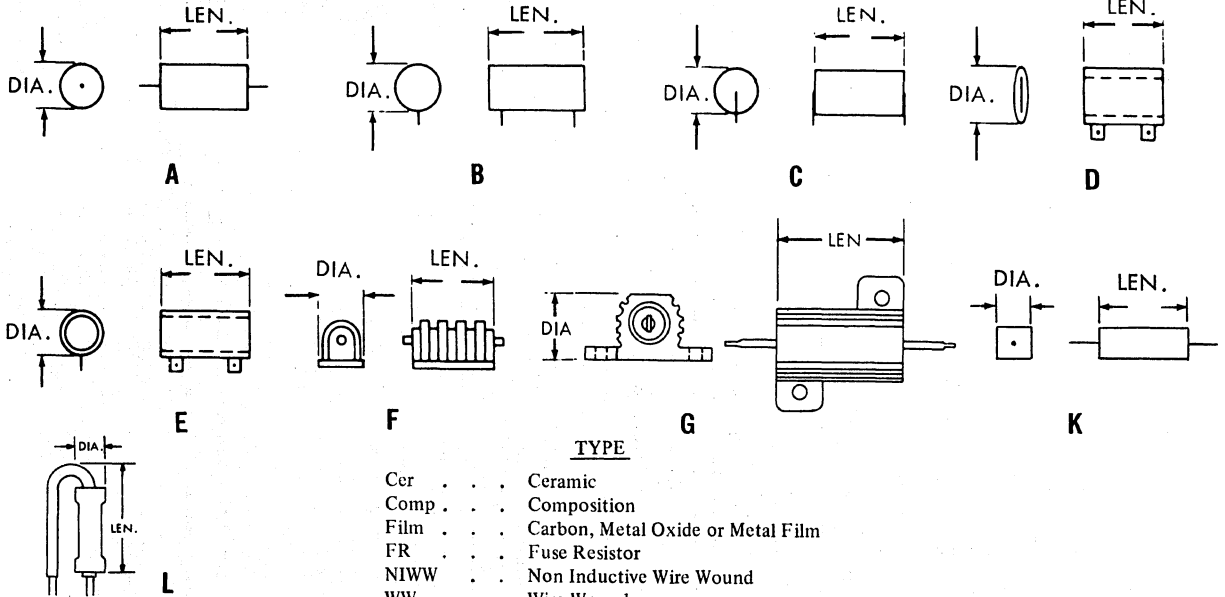
	<u>Page No.</u>
Capacitors . . . . .	27
Diodes . . . . .	45
Fuses . . . . .	57
Integrated Circuits (Chips) . . . . .	55
Line Cords and Adapters . . . . .	61
Resistors	
Adjustable . . . . .	25
Fixed . . . . .	1
Variable . . . . .	19
Transistors . . . . .	51

✓ CHANGES OR ADDITIONS

On "Revised" pages, the check mark (✓) shown to the left of items or subject titles indicates changes or additions since last issue.

FIXED RESISTORS

SAMPLE STYLE ILLUSTRATIONS  
(Dimensions given in INCHES)



**TYPE**  
 Cer . . . Ceramic  
 Comp . . . Composition  
 Film . . . Carbon, Metal Oxide or Metal Film  
 FR . . . Fuse Resistor  
 NIWW . . . Non Inductive Wire Wound  
 WW . . . Wire Wound

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
.02	10	90	E	WW	4.00		1186 3677
.033	5	110	E	WW	4.50	1.00	1100 5949
.04	5	55	D	WW	3.50	1.00	1008 0117
.05	1	10	A	WW	1.78	.38	1001 9925
.05	3	3	A	WW	.56	.19	1117 7854
.1	1	3	A	WW	.65	.25	1064 5844
.1	3	10	A	WW	1.78	.38	1115 0653
.1	5	10	A	WW	1.93	.40	1100 3522
.1	5	10	D	WW	.75	.38	1100 4918
.1	5	20	D	WW	2.08	.53	1100 2995
.1	5	40	E	WW	6.50	1.38	1196 9755
.1	10	5	K	WW	.88	.38	1088 5663
.1	15	30	D	WW	1.25	1.12	1111 2224
.125	5	55	D	WW	3.50	1.12	1104 5556
.14	3	5	A	WW	.88	.31	1165 8200
.15	5	10	D	WW	.75	.38	1100 4850
.15	5	110	E	WW	4.50	1.00	1100 5956
.16	5	53	D	WW	3.50	1.25	1063 3089
.2	1	10	A	WW	1.78	.38	1001 9180
.2	3	3	A	WW	.62	.25	1100 1245
.2	3	5	A	WW	.38	.14	1080 6446
.2	5	10	A	WW	1.94	.38	1100 5725
.2	5	10	D	WW	.75	.38	1100 4868
.2	5	55	D	WW	3.50	1.12	1104 5515
.22	1	7	A	WW	1.22	.31	1001 9495
.22	3	5	A	WW	.88	.32	1100 1112
.22	5	20	D	WW	2.00	.44	1196 9607
.25	1	20	G	WW	1.06	.54	1471 6799
.25	3	5	A	WW	.88	.31	1322 1676
.25	5	15	F	WW	1.06	1.09	1316 8398
.25	15	30	D	WW	1.25	1.25	1111 2265
.26	5	500	E	WW	10.5	1.25	1196 9557
.27	5	10	D	WW	.75	.38	1110 8396

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
.3	1	1	A	WW	.41	.09	1100 2045
.3	5	10	D	WW	.75	.38	1100 4876
.3	5	55	D	WW	3.50	1.00	1001 9610
.3	5	110	E	WW	4.50	1.00	1100 5980
.33	1	7	A	WW	1.22	.31	1001 9529
.39	5	55	D	WW	3.50	1.00	1001 9636
.43	3	10	F	WW	1.81	1.16	1320 1553
.47	5	1	A	WW	1.25	.25	1197 1967
.5	1	5	A	WW	.88	.31	1001 9370
.5	3	3	A	WW	.63	.25	1100 1518
.5	5	10	D	WW	.75	.38	1110 8370
.5	5	20	D	WW	2.08	.53	1100 2979
.5	5	110	E	WW	4.50	1.00	1100 6004
1	1	.50	A	WW	.34	.09	1193 6333
1	1	1	A	WW	.48	.09	1100 2441
1	1	1	A	WW	.69	.19	1316 8307
1	1	3	A	WW	.59	.24	1100 6194
1	1	3	A	WW	.56	.19	1196 5001
1	1	9	F	WW	1.94	.60	1520 6550
1	3	15	F	WW	1.81	1.16	1320 1561
1	5	2	A	WW	.38	.19	1127 7290
1	5	5	A	WW	1.06	.34	1100 3050
1	5	10	D	WW	.75	.38	1100 4975
1	5	20	D	WW	2.00	.44	1100 2854
1	5	25	E	WW	2.00	.62	1104 0896
1	5	30	D	WW	1.25	1.25	1100 4157
1	5	50	E	WW	4.50	.75	1100 3969
1	5	55	D	WW	3.50	1.00	1002 7431
1	5	120	F	WW	4.50	3.03	1316 8422
1	10	5	A	WW	1.19	.34	1266 4330
1	10	25	E	WW	2.00	.56	1266 6632
1.2	5	55	D	WW	3.50	1.00	1001 9545
1.3	5	20	D	WW	2.00	.44	1100 2938

RESISTORS CONTINUED ON NEXT PAGE

## FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
1.5	5	2	A	WW	.38	.19	1127 7308
1.5	5	5	A	WW	1.06	.34	1100 3068
1.5	5	10	A	WW	1.94	.38	1100 5733
1.5	5	10	D	WW	.75	.38	1110 8479
1.5	5	30	D	WW	1.25	1.25	1111 2182
1.5	5	40	D	WW	2.00	1.22	1100 6293
1.5	5	50	G	WW	1.97	.61	1140 7228
1.5	5	55	D	WW	3.50	1.12	1104 5499
1.5	5	60	E	WW	5.00	.75	1196 9565
1.96	1	1	A	WW	.48	.09	1100 2458
2	5	10	D	WW	.75	.38	1110 8446
2	5	10	E	WW	1.75	.44	1104 0946
2	5	30	D	WW	1.25	1.12	1111 2190
2	5	40	D	WW	2.00	1.22	1100 6269
2	5	100	E	WW	6.53	1.16	1100 4744
2	5	100	E	WW	6.60	.88	1472 0205
2.2	1	1	—	—	—	—	1510 8525
2.5	3	120	F	WW	7.12	3.03	1319 0822
2.5	5	30	D	WW	1.25	1.25	1111 2158
2.61	1	1	A	WW	.41	.09	1100 2003
3	5	9	F	WW	1.06	1.13	1316 8414
3	5	25	D	WW	2.00	.56	1341 3802
3	5	30	D	WW	1.25	1.25	1111 2273
3	5	50	E	WW	4.50	1.00	1100 7580
3	5	55	D	WW	3.50	1.12	1900 3946
3	5	110	E	WW	4.50	1.00	1100 5998
3.14	5	10	A	WW	1.94	.41	1322 1627
3.3	3	3	A	WW	.62	.25	1100 1393
3.32	1	3	A	WW	.62	.25	1322 1148
3.48	1	.50	A	WW	.31	.09	1193 6465
3.57	1	3	A	WW	.62	.25	1322 1130
4	5	5	A	WW	1.06	.34	1100 3258
4	5	20	D	WW	2.08	.53	1100 3001
4	5	20	E	WW	2.00	.44	1142 8745
4	5	25	E	WW	2.00	.63	1111 9898
4.5	3	3	A	WW	.69	.28	1319 0855
5	1	10	A	WW	1.78	.38	1001 9446
5	3	5	A	WW	.88	.31	1100 1070
5	5	2	A	WW	.38	.19	1127 7340
5	5	5	A	WW	1.06	.34	1100 3076
5	5	5	E	WW	1.00	.31	1064 6180
5	5	10	D	WW	.75	.38	1110 8313
5	5	10	E	WW	1.75	.50	1104 0938
5	5	20	D	WW	2.00	.38	1103 8320
5	5	25	E	WW	2.00	.62	1104 0854
5	5	30	D	WW	1.25	1.25	1100 4140
5	5	40	D	WW	2.00	1.22	1100 6301
5	5	50	E	WW	4.50	.75	1100 3977
5	5	55	D	WW	3.50	1.12	1104 5531
5	5	65	D	WW	4.75	1.12	1100 4165
5	5	110	E	WW	4.50	1.00	1100 5964
5	10	5	A	WW	.91	.41	1511 0281
5	10	10	A	WW	2.00	.44	1266 4504
5	10	25	G	WW	1.06	.55	1142 8422
5	10	50	E	WW	4.00	.66	1323 9017
5.11	1	.50	A	WW	.34	.09	1193 6507
5.11	1	1	A	WW	.53	.09	1100 2094
5.11	1	2	A	WW	.50	.25	1126 3894
5.11	1	3	A	WW	.62	.25	1322 0363
5.11	3	5	A	WW	.88	.31	1100 1146
5.62	1	1	A	WW	.41	.09	1100 2011
6	3	15	F	WW	1.81	1.16	1320 1579
6	5	10	D	WW	.75	.38	1110 8487
6	5	100	E	WW	6.50	1.12	1100 4793
6	5	110	E	WW	4.50	1.00	1100 5972
6.2	5	.50	A	—	.38	.14	1080 6453

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
6.8	5	250	F	WW	4.50	3.00	1322 2278
7.5	1	1.50	A	WW	.32	.09	1634 9466
7.5	5	10	D	WW	.75	.38	1110 8495
7.5	10	.75	E	WW	6.00	.56	1341 3919
8.25	1	.50	A	WW	.31	.09	1193 6556
9	5	5	A	WW	.88	.31	1028 6516
9	5	50	F	WW	1.97	1.16	1322 1114
10	1	.50	A	FILM	.41	.14	1117 9389
10	1	.25	A	FILM	.38	.12	1266 8612
10	1	1	A	WW	.41	.09	1100 1583
10	1	1	A	WW	.53	.09	1100 2102
10	1	1.50	A	WW	.32	.09	1634 9474
10	1	3	A	WW	.56	.19	1116 5142
10	1	5	A	WW	.88	.31	1322 1197
10	1	10	A	WW	1.78	.38	1001 9362
10	2	.25	A	FILM	.23	.10	1111 8254
10	5	.25	A	COMP	.25	.09	1265 3259
10	5	.50	A	COMP	.38	.14	1265 3275
10	5	1	A	COMP	.56	.23	1265 8068
10	5	5	A	WW	1.06	.34	1100 3084
10	5	10	A	WW	1.94	.41	1100 3415
10	5	10	D	WW	.75	.37	1110 8321
10	5	20	E	WW	2.00	.43	1064 5851
10	5	25	E	WW	2.00	.62	1104 0821
10	5	25	F	WW	1.06	1.09	1322 2294
10	5	30	D	WW	1.25	1.12	1111 2232
10	5	55	D	WW	3.50	1.00	1001 9560
10	5	100	E	WW	6.50	1.12	1100 4777
10	10	.50	A	COMP	.38	.14	1265 3283
10	10	1	A	COMP	.56	.23	1265 8076
10	10	2	A	COMP	.69	.32	1265 8092
10	10	5	A	WW	.91	.41	1341 3901
10	10	10	A	WW	2.00	.44	1266 4587
10	10	10	E	WW	2.00	.56	1266 6731
11	1	.25	A	FILM	.38	.13	1266 8638
11	1	1	A	WW	.41	.09	1100 1591
11	1	1	A	WW	.50	.13	1100 4272
11	1	1	A	WW	.53	.09	1100 2110
11	5	.25	A	COMP	.25	.09	1265 3291
12	3	2	A	WW	.88	.32	1320 1546
12	5	.25	A	COMP	.28	.10	1265 3317
12	10	5	A	WW	1.19	.34	1266 4611
12	10	10	A	WW	2.00	.43	1266 4629
12	1	1	A	WW	.41	.09	1100 1609
12.1	1	1	A	WW	.50	.12	1100 4280
13	5	2	A	COMP	.69	.32	1265 8175
13.3	1	.25	A	FILM	.38	.13	1266 8679
13.3	1	1	A	WW	.41	.09	1100 1617
13.3	1	1	A	WW	.50	.13	1100 4298
14.7	1	.50	A	FILM	.41	.14	1117 9371
14.7	1	1	A	WW	.41	.09	1100 1625
14.7	1	1	A	WW	.50	.13	1100 4306
14.7	1	2	A	WW	.81	.19	1322 2237
14.7	2	.25	A	FILM	.23	.10	1111 8296
14.7	3	3	A	WW	.62	.25	1100 1526
15	1	*	A	GLASS	.62	.20	1088 5689
15	1	.50	A	WW	.41	.09	1064 6149
15	1	10	A	WW	2.00	.44	1316 8323
15	3	5	A	WW	.88	.31	1002 5583
15	5	3	A	WW	.76	.28	1088 4187
15	5	5	A	WW	1.06	.34	1100 3092
15	5	10	A	WW	1.94	.41	1322 1056
15	5	10	D	WW	.75	.38	1110 8461
15	5	20	D	WW	2.00	.44	1100 2862
15	5	25	E	WW	2.00	.62	1104 0839
15	5	30	D	WW	1.25	1.00	1001 9586

\* { .50 @ 70°C }  
 { .25 @ 125°C }

RESISTORS CONTINUED ON NEXT PAGE

FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
15	5	30	D	WW	1.25	1.12	1100 4090
15	5	45	E	WW	3.00	.75	1111 0756
15	5	55	D	WW	3.50	1.00	1001 9628
15	5	55	D	WW	3.50	1.12	1104 5507
15	10	2	A	COMP	.69	.32	1265 8217
15	10	5	A	WW	1.18	.34	1266 4652
16	5	.25	A	COMP	.25	.09	1265 3416
16.2	1	1	A	WW	.41	.09	1100 1674
16.2	1	1	A	WW	.50	.12	1100 4314
16.2	2	.25	A	FILM	.23	.10	1111 8304
17.8	1	.50	A	WW	.34	.09	1193 6630
17.8	1	.50	A	FILM	.41	.14	1117 9363
17.8	1	1	A	WW	.41	.09	1100 1682
17.8	1	1	A	WW	.50	.13	1100 4322
18	5	1	A	COMP	.56	.23	1265 8241
18	5	50	F	WW	1.97	1.16	1322 2286
18.2	1	10	A	WW	2.00	.43	1478 2601
18.2	5	10	A	WW	1.94	.41	1322 1601
19.1	1	2	A	WW	.81	.19	1322 2229
19.6	1	.25	A	FILM	.38	.13	1266 8752
19.6	1	.50	A	FILM	.41	.14	1117 9421
19.6	1	.50	A	WW	.34	.09	1193 6648
19.6	1	1	A	NIWW	.41	.09	2006 4986
19.6	1	1	A	WW	.41	.09	1100 1690
19.6	1	1	A	WW	.50	.13	1100 4330
19.6	2	.25	A	FILM	.23	.10	1111 8320
20	1	.25	A	FILM	.38	.12	1267 3620
20	1	3	A	WW	.69	.25	1322 2732
20	3	10	A	WW	1.78	.38	1322 1684
20	5	.50	A	COMP	.38	.14	1265 3481
20	5	1	A	COMP	.56	.23	1265 8282
20	5	10	A	WW	1.94	.41	1322 2377
20	5	10	D	WW	.75	.38	1100 4900
20	5	40	D	WW	2.00	1.12	1100 6251
20.5	3	5	A	WW	1.09	.38	1520 3433
21.5	1	.25	A	FILM	.38	.13	1266 8778
21.5	1	.50	A	FILM	.41	.14	1117 9397
21.5	1	1	A	WW	.41	.09	1100 1708
21.5	1	1	A	WW	.50	.13	1100 4348
21.5	1	2	A	WW	.50	.25	1126 3902
21.5	2	.25	A	FILM	.23	.10	1111 8338
21.5	3	3	A	WW	.62	.25	1100 1468
22	1	.50	A	FILM	.41	.14	1117 9439
22	3	15	F	WW	1.97	1.19	1319 0814
22	5	.25	A	COMP	.25	.09	1265 3499
22	5	.50	A	FILM	.38	.14	1268 1920
22	5	1	A	COMP	.56	.23	1265 8308
22.5	5	53	D	WW	3.58	1.25	1063 8997
22.6	1	3	A	WW	.63	.25	1100 6046
23.7	1	.25	A	FILM	.38	.12	1266 8794
23.7	1	.50	A	FILM	.41	.14	1117 9413
23.7	1	.50	A	WW	.34	.09	1193 6663
23.7	1	1	A	WW	.41	.09	1100 1716
23.7	1	1	A	WW	.50	.13	1100 4355
23.7	1	1	A	WW	.56	.09	1100 2417
23.7	1	3	A	WW	.62	.25	1322 1171
23.7	3	3	A	WW	.62	.25	1100 1476
24	5	.50	A	COMP	.38	.14	1265 3549
24	5	2	A	WW	.38	.19	1127 7456
24	5	2	A	COMP	.69	.32	1265 8357
25	3	9	F	WW	1.94	1.16	1520 0959
25	5	5	A	WW	1.06	.34	1100 3100
25	5	5	E	WW	1.00	.31	1147 1000
25	5	20	D	WW	2.00	.44	1100 2870
25	5	25	E	WW	2.00	.62	1104 0862
25	5	30	D	WW	1.25	1.12	1100 4132

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
25	5	40	D	WW	2.00	1.22	1100 6327
25	5	50	E	WW	4.50	.75	1100 3985
25	5	55	D	WW	3.50	1.00	1001 9578
25	10	5	A	WW	1.19	.34	1266 4736
25	10	5	E	WW	1.00	.31	1266 4710
25	10	10	E	WW	1.75	.50	1266 4728
25	10	25	E	WW	2.00	.56	1266 6780
26.1	1	.25	A	FILM	.38	.12	1266 8810
26.1	1	.50	A	FILM	.38	.14	1127 9361
26.1	1	1	A	WW	.41	.09	1100 1724
26.1	1	1	A	WW	.50	.13	1100 4363
26.1	1	1	A	WW	.53	.09	1100 2128
26.1	1	3	A	WW	.63	.25	1100 6053
27	1	2	A	WW	.89	.19	1114 9911
27	1	5	A	WW	.88	.31	1102 4700
27	2	1	A	FILM	.56	.19	1119 5682
27	5	.50	A	COMP	.41	.15	1265 3572
27	5	1	A	COMP	.56	.25	1265 8365
27	5	2	A	COMP	.69	.32	1265 8381
27	10	.50	A	COMP	.38	.14	1265 3580
28.7	1	.50	A	FILM	.41	.14	1127 9379
28.7	1	.50	A	FILM	.75	.25	1510 2791
28.7	1	1	A	WW	.41	.09	1100 1732
28.7	1	1	A	WW	.50	.13	1100 4371
28.7	1	1	A	WW	.53	.09	1100 2136
28.7	1	3	A	WW	.78	.28	1511 5322
30	1	5	A	WW	.88	.31	1102 4684
30	1	15	F	WW	2.00	1.19	1341 3851
30	5	1	A	COMP	.56	.22	1265 8423
30	5	50	A	COMP	.38	.14	1265 3606
30	5	1	A	COMP	.56	.23	1265 8407
30	5	5	A	WW	1.06	.34	1322 1072
30	5	10	D	WW	.75	.38	1110 8404
30	5	55	D	WW	3.50	1.00	1002 8512
30	10	10	A	WW	2.00	.44	1266 4785
30.1	1	.25	A	FILM	.38	.12	1266 8844
30.1	1	*	A	GLASS	.62	.20	1088 5697
30.9	1	.50	A	FILM	.75	.25	1510 8517
31	5	10	E	WW	1.50	.59	1322 0405
31.6	1	.25	—	—	—	—	1142 6756
31.6	1	.25	A	FILM	.38	.13	1266 8851
31.6	1	.50	A	WW	.31	.09	1193 6697
31.6	1	.50	A	FILM	.41	.14	1127 9387
31.6	1	.75	A	FILM	.75	.25	1267 1269
31.6	1	1	A	WW	.41	.09	1100 1740
31.6	1	1	A	WW	.50	.13	1100 4389
31.6	1	2	A	WW	.81	.19	1100 2557
31.6	2	.25	A	FILM	.23	.10	1111 8379
31.6	3	10	F	WW	.47	.78	1105 9466
32.4	1	*	A	GLASS	.62	.20	1088 5705
33	5	.50	A	COMP	.38	.14	1265 3630
34.8	1	.25	A	FILM	.42	.16	1102 4916
34.8	1	1	A	WW	.41	.09	1100 1757
34.8	1	1	A	WW	.50	.13	1100 4397
34.8	1	2	A	WW	.50	.25	1126 3910
34.8	2	.25	A	FILM	.23	.10	1111 8387
35	3	7	K	WWFR	.88	.34	1063 6843
35	3	7	A	WW	1.34	.34	1051 4412
35	5	5	A	WW	1.06	.34	1100 3118
35	5	200	E	WW	10.5	1.12	1196 9540
35	10	10	E	WW	1.75	.50	1266 4801
36	5	.50	A	COMP	.38	.13	1265 3663
36	5	2	A	WW	.38	.19	1127 7498
36.5	1	.25	A	FILM	.38	.12	1266 8885
38.3	1	.25	A	FILM	.42	.16	1109 6732
38.3	1	.50	A	FILM	.38	.13	1266 8893

\*{ 1 @ 70°C }  
{ .50 @ 125°C }

RESISTORS CONTINUED ON NEXT PAGE



FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
38.3	1	1	A	WW	.41	.09	1100 1765
38.3	1	1	A	WW	.50	.13	1100 4405
38.3	2	.25	A	FILM	.23	.10	1111 8395
39	5	1	A	COMP	.56	.23	1265 8480
39	10	.50	A	COMP	.38	.14	1265 3705
39	10	1	A	COMP	.56	.23	1265 8498
40	3	10	A	WW	1.78	.38	1322 2310
40	5	5	A	WW	1.06	.34	1100 3126
40	5	10	D	WW	.75	.38	1100 4991
40	5	30	D	WW	1.25	1.12	1100 4066
40	10	5	A	WW	1.18	.34	1266 4850
40	10	10	A	WW	2.00	.44	1266 4868
40.2	1	2	A	FILM	2.19	.38	1322 1569
42	1	3	A	WW	.56	.19	1196 5340
42.2	1	.25	A	FILM	.38	.13	1266 8919
42.2	1	.50	A	FILM	.41	.14	1117 9405
42.2	1	1	A	WW	.41	.09	1100 1773
42.2	1	1	A	WW	.50	.13	1100 4413
42.2	2	.25	A	FILM	.23	.10	1111 8403
43	1	2	A	WW	.81	.19	1100 2722
45	1	.50	A	WW	.41	.09	1064 6131
46.4	1	.50	A	FILM	.41	.14	1117 9348
46.4	1	.25	A	FILM	.38	.13	1266 8935
46.4	1	1	A	WW	.41	.09	1100 1781
46.4	1	1	A	WW	.50	.13	1100 4421
46.4	1	3	A	WW	.63	.25	1100 6061
47	1	1	A	WW	.41	.09	1322 2260
47	1	5	A	WW	.88	.31	1001 9453
47	5	.50	A	COMP	.38	.14	1265 3754
47	5	1	A	COMP	.56	.23	1265 8548
47	5	2	A	WW	.38	.19	1127 7522
47	5	2	A	COMP	.69	.32	1265 8563
47	10	.50	A	COMP	.38	.14	1265 3762
47	10	1	A	COMP	.56	.23	1265 8555
47.5	1	.75	A	FILM	.75	.25	1267 4586
50	1	3	A	WW	.66	.25	1064 5828
50	1	10	A	WW	1.78	.38	1001 9511
50	3	3	A	WW	.62	.25	1100 1401
50	5	5	A	WW	1.06	.34	1100 3134
50	5	5	A	WW	1.19	.44	1266 4892
50	5	5	E	WW	1.00	.31	1147 1018
50	5	10	A	WW	1.94	.41	1100 3423
50	5	10	A	WW	2.00	.44	1266 4900
50	5	10	D	WW	.75	.38	1100 4926
50	5	25	E	WW	2.00	.56	1266 6814
50	5	30	D	WW	1.25	1.25	1111 2166
50	5	40	D	WW	2.00	1.19	1100 6285
50	5	55	D	WW	3.50	1.00	1900 3961
50	5	75	D	WW	6.00	1.12	1105 1919
50	5	100	E	WW	6.50	1.12	1100 4736
51	1	.50	A	FILM	.38	.14	1100 3712
51	5	.50	A	COMP	.38	.14	1265 3788
51	5	1	A	COMP	.56	.23	1265 8589
51	5	2	A	COMP	.69	.32	1265 8597
51.1	1	.25	A	FILM	.38	.12	1266 8950
51.1	1	.25	A	FILM	.42	.16	1100 6343
51.1	1	.50	A	FILM	.41	.14	1114 8509
51.1	1	1	A	WW	.41	.09	1100 1799
51.1	1	1	A	WW	.50	.13	1100 4439
51.1	1	1	A	WW	.53	.09	1100 2144
51.1	1	2	A	WW	.50	.25	1126 3928
51.1	1	5	A	WW	.88	.31	1102 4676
51.1	2	.25	A	FILM	.25	.09	1111 8429
51.1	3	2	A	WW	.55	.23	1117 6187
51.1	3	5	A	WW	.88	.32	1100 1104
54.9	1	.50	A	FILM	.59	.18	1080 6123

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
55	1	1	A	WW	.53	.09	1100 2375
55	1	2	A	WW	.89	.19	1114 9937
56	10	.50	A	COMP	.38	.14	1265 3820
56.2	1	.25	A	FILM	.38	.12	1266 8976
56.2	1	.50	A	FILM	.38	.14	1114 8517
56.2	1	.75	A	FILM	.75	.25	1267 1384
56.2	1	1	A	WW	.41	.09	1100 1807
56.2	1	1	A	WW	.50	.12	1100 4447
56.2	1	2	A	WW	.50	.18	1100 5550
56.2	1	2	A	WW	.81	.19	1100 2565
56.2	1	3	A	WW	.63	.25	1100 6079
56.2	2	.25	A	FILM	.25	.09	1111 8437
60	1	.50	A	WW	.41	.09	1064 6123
60	5	40	D	WW	2.00	1.00	1034 8597
61.9	1	.25	A	FILM	.38	.12	1266 8992
61.9	1	1	A	WW	.41	.09	1100 1815
61.9	1	1	A	WW	.50	.13	1100 4454
61.9	1	.50	A	FILM	.41	.14	1114 8525
61.9	1	3	A	WW	.63	.25	1100 6087
61.9	2	.25	A	FILM	.25	.09	1111 8445
61.9	3	5	A	WW	.88	.32	1100 1096
62	5	.50	A	COMP	.38	.14	1265 3846
62	5	.50	A	FILM	.38	.14	1268 2035
62	5	1	A	COMP	.56	.23	1265 8647
64	5	30	D	WW	1.25	1.25	1111 2216
64.9	1	*	A	GLASS	.62	.20	1088 5713
64.9	1	3	A	WW	.62	.25	1322 1163
65	1	2	A	WW	.89	.19	1114 9929
65	5	40	D	WW	2.00	1.00	1031 0720
65	5	100	E	WW	6.50	1.12	1100 4785
66.5	1	.50	A	FILM	.62	.19	1505 7623
68	5	1	A	FILM	.56	.19	1268 3173
68	5	2	A	COMP	.69	.32	1265 8688
68.1	.5	3	A	WW	.63	.25	1100 3639
68.1	1	.25	A	FILM	.38	.12	1266 9016
68.1	1	.50	A	FILM	.41	.14	1114 8533
68.1	1	.75	A	FILM	.75	.25	1267 1426
68.1	1	1	A	WW	.41	.09	1100 1823
68.1	1	1	A	WW	.50	.13	1100 4462
68.1	1	25	F	WW	1.06	1.09	1322 2211
68.1	2	.25	A	FILM	.23	.10	1111 8452
70	5	120	F	WW	4.50	3.03	1316 8463
73.2	1	.75	A	FILM	.75	.25	1267 4594
75	1	.50	A	FILM	.41	.14	1114 8541
75	1	1	A	WW	.41	.09	1100 1831
75	1	1	A	WW	.50	.13	1100 4470
75	1	1	A	WW	.53	.09	1001 9172
75	1	1.50	A	WW	.33	.09	1634 9524
75	1	2	A	WW	.50	.25	1126 3985
75	1	2	A	WW	.81	.19	1100 2573
75	1	3	A	WW	.64	.19	1119 3638
75	1	10	A	WW	1.88	.44	1316 8299
75	2	.25	A	FILM	.25	.09	1111 8460
75	5	.50	A	COMP	.38	.14	1265 3903
75	5	1	A	COMP	.56	.23	1265 8704
75	5	5	A	WW	1.06	.34	1100 3282
75	5	5	A	WW	1.19	.44	1266 4934
75	5	10	A	WW	1.94	.41	1100 3506
75	5	10	A	WW	2.00	.44	1266 4942
75	5	10	D	WW	.75	.38	1100 4934
75	5	20	D	WW	2.00	.44	1100 2961
75	5	25	E	WW	2.00	.50	1080 5836
75	5	30	D	WW	1.25	1.12	1100 4108
75	5	50	E	WW	4.00	.75	1100 4009
75	5	55	D	WW	3.50	1.00	1001 9644
75	5	100	E	WW	6.50	1.12	1100 4769

\* {1 @ 70°C }  
{.50 @ 125°C }

RESISTORS CONTINUED ON NEXT PAGE

## FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.	OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
75	5	200	E	WW	10.50	1.12	1126 3381	100	10	.50	A	COMP	.38	.14	1265 4000
80.6	1	.75	A	FILM	.75	.25	1267 4602	100	10	1	A	COMP	.56	.23	1265 8795
82	2	1	A	FILM	.56	.19	1119 5765	100	10	2	A	COMP	.69	.32	1265 8811
82	5	.50	A	COMP	.38	.14	1265 3937	102	1	.25	A	FILM	.38	.12	1267 3646
82	5	1	A	COMP	.56	.23	1265 8720	102	1	10	A	WW	1.78	.38	1322 2203
82	5	2	A	WW	.38	.19	1127 7589	110	1	.25	A	FILM	.38	.12	1266 9115
82	10	.50	A	COMP	.38	.14	1265 3945	110	1	.50	A	WW	.34	.09	1193 6820
82.5	1	.25	A	FILM	.38	.12	1266 9057	110	1	.50	A	FILM	.41	.19	1114 8582
82.5	1	.50	A	FILM	.41	.14	1114 8558	110	1	.50	A	FILM	.66	.20	1266 3068
82.5	1	1	A	WW	.41	.09	1100 1849	110	1	.75	A	FILM	.72	.26	1267 1525
82.5	1	1	A	WW	.50	.13	1100 4488	110	1	1	A	WW	.41	.09	1100 1872
82.5	1	1	A	WW	.53	.09	1100 2169	110	1	1.50	A	WW	.33	.09	1634 9417
82.5	1	1	A	FILM	1.11	.40	1104 2272	110	1	3	A	WW	.62	.25	1100 6145
82.5	1	2	A	WW	.50	.19	1100 5568	110	1	5	A	WW	.94	.34	1117 6070
82.5	2	.25	A	FILM	.23	.10	1111 8478	110	2	.25	A	FILM	.23	.10	1111 8502
82.5	5	10	D	WW	.75	.38	1110 8388	110	2	1	A	FILM	.56	.19	1119 5641
84	1	2	A	WW	.81	.19	1100 2821	110	3	3	A	WW	.56	.19	1117 7862
86.6	1	.25	A	FILM	.38	.12	1266 9065	110	5	2	A	FILM	.68	.32	1268 4411
90	1	3	A	WW	.76	.28	1088 4195	110	5	5	A	COMP	.38	.14	1265 4026
90.9	1	.25	A	FILM	.38	.12	1266 9073	118	1	2	A	WW	.81	.19	1322 2195
90.9	1	.25	A	FILM	.42	.16	1100 6400	120	1	.50	A	WW	.41	.09	1064 6164
90.9	1	1	A	WW	.41	.09	1100 1856	120	1	3	A	WW	.62	.25	1322 1155
90.9	1	1	A	WW	.50	.13	1100 4496	120	1	5	A	WW	.94	.34	1117 6062
90.9	1	1	A	WW	.53	.09	1100 2177	120	1	25	F	WW	.75	.88	1126 2805
90.9	1	2	A	WW	.50	.19	1100 5618	120	5	.50	A	COMP	.38	.14	1265 4059
90.9	1	2	A	WW	.81	.19	1107 5546	120	5	1	A	COMP	.56	.23	1265 8845
90.9	1	.50	A	FILM	.41	.19	1114 8566	120	5	2	A	COMP	.69	.32	1265 8860
90.9	1	3	A	CER	.60	.20	1103 2042	120	5	50	E	WW	4.50	.75	1100 3993
90.9	2	.25	A	FILM	.25	.09	1111 8486	120	5	55	D	WW	3.50	1.00	1001 9552
90.9	3	3	A	WW	.72	.28	1100 1534	120	10	.50	A	COMP	.38	.14	1265 4067
91	5	.50	A	COMP	.38	.14	1265 3960	120	10	2	K		.69	.25	1089 0473
91	5	.50	A	FILM	.38	.14	1268 2076	121	1	.25	A	FILM	.38	.12	1266 9131
96	1	5	A	WW	.88	.31	1322 0298	121	1	.25	A	FILM	.42	.16	1100 6434
100	1	.25	A	FILM	.38	.12	1266 9099	121	1	.50	A	FILM	.41	.14	1114 8590
100	1	.50	A	FILM	.38	.14	1100 3720	121	1	1	A	WW	.41	.09	1100 1880
100	1	.50	A	WW	.41	.09	1064 5810	121	1	1	A	WW	.48	.09	1100 2466
100	1	*	A	GLASS	.62	.20	1088 5721	121	1	2	A	WW	.50	.19	1100 5584
100	1	.75	A	FILM	.75	.25	1267 1509	121	2	.25	A	FILM	.25	.09	1111 8510
100	1	1	A	WW	.41	.09	1322 2252	125	1	.50	A	WW	.46	.12	1088 4161
100	1	1	A	WW	.53	.09	1001 9198	125	1	1	A	WW	.56	.19	1064 5836
100	1	1	A	WW	.50	.12	1100 4520	125	1	5	A	WW	.88	.31	1001 9214
100	1	2	A	WW	.50	.19	1100 5600	125	5	25	E	WW	2.00	.62	1104 0870
100	1	2	A	WW	.81	.19	1100 2581	130	1	3	A	WW	.62	.25	1322 1189
100	1	3	A	WW	.56	.19	1196 5464	130	5	.50	A	COMP	.38	.13	1265 4083
100	2	1	A	WW	.25	.09	1900 1619	130	5	.50	A	FILM	.38	.14	1268 2118
100	2	.25	A	FILM	.25	.09	1111 8494	130	5	1	A	FILM	.56	.19	1268 3249
100	3	3	A	WW	.62	.25	1100 1187	130	5	250	F	WW	4.50	3.00	1322 1122
100	5	.25	A	COMP	.25	.09	1265 3978	133	1	.25	A	FILM	.38	.12	1266 9156
100	5	.50	A	COMP	.38	.14	1265 3994	133	1	.50	A	FILM	.41	.14	1114 8608
100	5	1	A	COMP	.56	.23	1265 8787	133	1	.75	A	FILM	.75	.25	1267 1566
100	5	1	A	FILM	.56	.19	1268 3215	133	1	1	A	WW	.41	.09	1100 1898
100	5	2	A	COMP	.69	.32	1265 8803	133	1	1	A	WW	.53	.09	1100 2193
100	5	5	A	WW	1.06	.34	1100 3142	133	1	2	A	WW	.50	.25	1126 3936
100	5	10	A	WW	1.94	.41	1100 3431	133	1	2	A	WW	.67	.19	1117 8357
100	5	10	A	WW	2.00	.44	1266 4983	133	2	.25	A	FILM	.25	.09	1111 8528
100	5	10	D	WW	.75	.38	1110 8339	137	1	1	A	FILM	.56	.19	1477 8526
100	5	20	D	WW	2.00	.44	1100 2888	143	1	1	A	FILM	.56	.19	1477 3485
100	5	25	E	WW	2.00	.62	1104 0847	146	1	1	A	WW	.56	.16	1316 8356
100	5	30	D	WW	1.25	1.12	1100 4074	147	1	.25	A	FILM	.38	.12	1266 9172
100	5	40	D	WW	2.00	1.22	1100 6319	147	1	.50	A	WW	.34	.09	1193 6853
100	5	50	E	WW	4.50	1.00	1100 7572	147	1	.50	A	FILM	.41	.14	1114 8616
100	5	50	G	WW	1.97	.61	1140 7236	147	1	1	A	WW	.41	.09	1100 1906
100	5	55	D	WW	3.50	1.00	1001 9602	147	1	1.50	A	WW	.32	.09	1634 9680
100	5	100	E	WW	6.50	.75	1111 9997	147	1	2	A	WW	.50	.25	1100 5576
100	5	100	E	WW	6.53	1.16	1100 4710	147	1	3	A	WW	.56	.19	1105 9664
100	10	.25	A	COMP	.25	.09	1265 3986	147	2	.25	A	FILM	.25	.09	1111 8536

\* { 1 @ 70°C }  
 { .50 @ 125°C }

RESISTORS CONTINUED ON NEXT PAGE

## FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
150	1	.25	A	FILM	.38	.12	1267 3653
150	1	.50	A	FILM	.38	.14	1100 3845
150	1	.50	A	WW	.41	.09	1064 6156
150	1	*	A	GLASS	.62	.20	1088 5739
150	1	5	A	WW	.88	.31	1322 0389
150	2	.50	A	FILM	.38	.14	1100 3845
150	5	.25	A	COMP	.25	.09	1265 4091
150	5	.25	A	FILM	.30	.10	1907 6629
150	5	.50	A	COMP	.38	.14	1265 4117
150	5	.50	A	FILM	.38	.14	1268 2126
150	5	1	A	FILM	.56	.19	1268 3256
150	5	2	A	COMP	.69	.32	1265 8928
150	5	3	A	WW	.56	.25	1088 5655
150	5	5	E	WW	1.00	.50	1266 4991
150	5	10	D	WW	.75	.38	1100 4884
150	5	31	D	WW	2.00	1.19	1507 0386
150	5	40	D	WW	2.00	1.12	1100 6244
150	5	55	D	WW	3.50	1.00	1900 3979
150	10	.50	A	COMP	.38	.14	1265 4125
150	10	2	A	COMP	.69	.31	1268 8936
150	10	5	A	WW	1.19	.34	1266 5014
157	1	.50	A	FILM	.38	.14	1634 8872
160	1	.50	A	FILM	.41	.14	1100 3852
160	5	.25	A	FILM	.30	.10	1907 6637
160	5	.50	A	COMP	.38	.14	1265 4141
160	5	1	A	COMP	.56	.23	1265 8944
160	5	1	A	FILM	.56	.19	1268 3264
160	5	2	A	COMP	.68	.32	1265 8951
162	1	.25	A	FILM	.38	.12	1266 9198
162	1	.50	A	FILM	.41	.14	1114 8624
162	1	1	A	WW	.41	.09	1100 1914
162	1	1.50	A	WW	.33	.09	1634 9664
162	1	2	A	WW	.81	.19	1107 5553
162	1	2.25	A	WW	.44	.13	1634 9763
162	1	2.25	A	WW	.62	.21	1634 8567
162	1	5	A	WW	1.09	.38	1520 3425
162	2	.25	A	FILM	.25	.09	1111 8544
162	3	3	A	WW	.72	.28	1100 1484
162	3	5	A	WW	.88	.31	1100 1039
165	1	.25	A	FILM	.65	.25	1316 8018
165	5	100	E	WW	6.50	.75	1119 4958
168	1	1.00	A	WW	.41	.09	1100 2078
175	5	30	D	WW	1.25	1.00	1341 3810
178	1	.25	A	FILM	.38	.12	1266 9214
178	1	.50	A	FILM	.41	.14	1114 8632
178	1	.75	A	FILM	.75	.25	1267 1624
178	1	1	A	WW	.41	.09	1100 1922
178	1	1	A	WW	.50	.13	1100 4504
178	1	1	A	WW	.53	.09	1100 2201
178	1	1.50	A	WW	.32	.09	1634 9482
178	1	3	A	WW	.53	.19	1322 2187
178	2	.25	A	FILM	.25	.09	1111 8551
178	3	3	A	WW	.62	.25	1100 1542
180	5	.25	A	FILM	.30	.10	1907 6645
180	1	.50	A	FILM	.41	.14	1100 3860
180	1	3	A	WW	.62	.25	1001 9255
180	3	3	A	WW	.62	.25	1100 1252
180	5	.50	A	COMP	.38	.14	1265 4174
180	5	1	A	COMP	.56	.23	1265 8969
180	10	.50	A	COMP	.38	.14	1265 4182
182	1	.25	A	FILM	.38	.12	1267 3661
182	1	.75	A	FILM	.75	.25	1267 4610
187	1	.25	A	FILM	.38	.12	1266 9222
191	1	.25	A	FILM	.38	.12	1267 3679
195	5	40	D	WW	2.00	1.00	1034 8605
196	1	.25	A	FILM	.25	.09	1111 8569

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
196	1	.25	A	FILM	.38	.12	1266 9230
196	1	.50	A	FILM	.41	.14	1114 8640
196	1	1	A	WW	.41	.09	1100 1930
196	1	1	A	WW	.53	.09	1100 2219
196	1	2.25	A	WW	.44	.31	1634 9771
196	2	.25	A	FILM	.23	.10	1111 8569
196	3	3	A	WW	.62	.25	1100 1559
196	3	5	A	WW	.88	.31	1100 1047
200	1	.25	A	FILM	.38	.12	1267 3687
200	1	.50	A	FILM	.41	.14	1117 9322
200	1	.75	A	FILM	.75	.25	1266 4628
200	1	1	A	FILM	1.06	.38	1316 8281
200	1	1	A	WW	.41	.09	1064 6172
200	1	2	A	WW	.50	.19	1100 5592
200	1	3	A	WW	.62	.25	1001 9305
200	1	10	A	WW	1.78	.38	1001 9487
200	3	2	A	WW	.48	.22	1117 6153
200	3	3	A	WW	.62	.25	1100 1260
200	5	.25	A	COMP	.25	.09	1265 4190
200	5	.25	A	FILM	.30	.10	1907 6652
200	5	.50	A	COMP	.38	.14	1265 4208
200	5	.50	A	FILM	.38	.14	1268 2159
200	5	1	A	COMP	.56	.23	1265 9009
200	5	2	A	COMP	.69	.31	1265 9017
200	5	5	A	WW	1.06	.34	1100 3159
200	5	10	A	WW	2.00	.44	1266 5063
200	5	10	D	WW	.75	.38	1110 8347
200	5	21	D	WW	1.25	1.00	1266 6921
200	5	25	E	WW	2.00	.56	1266 6913
200	5	30	D	WW	1.25	1.00	1028 9320
200	5	30	D	WW	1.25	1.12	1100 4082
200	5	55	D	WW	3.50	1.00	1008 1222
210	1	.75	A	FILM	.75	.25	1267 4636
215	1	.12	A	FILM	.38	.14	1100 7341
215	1	.25	A	FILM	.38	.12	1266 9255
215	1	.25	A	FILM	.42	.16	1100 6491
215	1	.50	A	WW	.34	.09	1193 6895
215	1	.50	A	FILM	.41	.14	1114 8657
215	1	1	A	WW	.41	.09	1100 1948
215	1	2	A	WW	.81	.19	1100 2599
215	1	2.25	A	WW	.44	.12	1634 9318
215	1	3	A	WW	.62	.25	1100 6178
215	1	5	A	WW	.88	.31	1322 2591
215	2	.25	A	FILM	.25	.09	1111 8577
215	3	3	A	WW	.62	.25	1100 1567
220	1	3	A	WW	.62	.25	1001 9263
220	1	3	A	WW	.69	.28	1320 1603
220	3	3	A	WW	.72	.28	1100 1278
220	5	.25	A	COMP	.25	.09	1265 4216
220	5	.25	A	FILM	.30	.10	1907 6660
220	5	.50	A	COMP	.38	.14	1265 4232
220	5	.50	A	FILM	.38	.14	1268 2167
220	5	1	A	COMP	.56	.23	1265 9025
220	5	2	A	COMP	.69	.32	1265 9041
220	5	2	A	WW	.38	.19	1127 7688
220	10	.50	A	COMP	.38	.14	1265 4240
221	1	.25	A	FILM	.38	.12	1102 4791
221	1	.50	A	FILM	.38	.14	1114 8665
224	1	1	A	WW	.43	.13	1634 9177
225	5	5	A	WW	1.06	.34	1322 1064
225	5	5	E	WW	1.00	.31	1147 1018
226	1	.25	A	FILM	.38	.12	1266 9263
237	.5	3	A	WW	.63	.25	1100 3647
237	1	.25	A	FILM	.38	.12	1266 9271
237	1	.50	A	FILM	.41	.14	1114 8673
237	1	.75	A	FILM	.75	.25	1267 1681

\* { 1 @ 70°C }  
 { .50 @ 125°C }

RESISTORS CONTINUED ON NEXT PAGE

FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
237	1	1	A	WW	.27	.09	1634 9581
237	1	1	A	WW	.41	.09	1100 2060
237	1	1	A	WW	.53	.09	1100 2391
237	1	1.50	A	WW	.33	.09	1634 9425
237	1	2	A	WW	.50	.25	1100 5642
237	1	2.25	A	WWNI	.43	.12	1634 9326
237	2	.25	A	FILM	.25	.09	1111 8585
237	3	3	A	WW	.62	.25	1100 1575
240	1	3	A	WW	.62	.25	1001 9420
240	3	3	A	WW	.62	.25	1100 1286
240	5	.25	A	FILM	.30	.10	1907 6678
240	5	.50	A	COMP	.38	.14	1265 4265
240	5	1	A	COMP	.56	.23	1265 9066
240	5	1	A	FILM	.56	.19	1268 5400
243	1	.25	A	FILM	.38	.12	1267 3695
243	1	1	A	FILM	1.06	.38	1322 1379
249	1	3	A	WW	.62	.25	1100 6186
250	1	3	A	WW	.56	.19	1196 5571
250	1	3	A	WW	.62	.25	1001 9347
250	3	10	A	WW	1.78	.38	1322 2302
250	5	2	A	WW	.38	.19	1127 7704
250	5	10	A	WW	2.00	.44	1266 5105
250	5	10	D	WW	.75	.38	1100 4983
250	5	25	E	WW	2.00	.56	1266 6947
250	5	30	D	WW	1.25	1.00	1030 5415
250	5	50	E	WW	4.00	.75	1100 4017
250	5	50	G	WW	1.97	.61	1140 7244
250	5	55	D	WW	3.50	1.00	1008 3681
250	5	100	E	WW	6.56	1.12	1196 9698
250	10	25	D	WW	2.00	.56	1002 0220
261	1	.25	A	FILM	.38	.12	1266 9297
261	1	1	A	WW	.41	.09	1100 1989
261	1	1	A	WW	.48	.09	1100 2474
261	1	1.50	A	WW	.33	.09	1634 9433
261	1	2	A	WW	.50	.25	1126 3803
261	1	3	A	WW	.63	.25	1100 6103
261	1	.50	A	FILM	.41	.14	1114 8681
261	2	.25	A	FILM	.25	.09	1111 8593
267	1	.25	A	FILM	.38	.12	1267 3703
270	1	1	A	WW	.48	.09	1100 2516
270	1	1	A	FILM	1.06	.38	1104 2082
270	1	3	A	WW	.62	.25	1001 9339
270	3	3	A	WW	.62	.25	1100 1294
270	5	.25	A	FILM	.30	.10	1907 6686
270	5	.50	A	COMP	.38	.14	1265 4299
270	5	2	A	WW	.38	.19	1127 7712
270	5	2	A	COMP	.69	.32	1265 9108
270	10	.50	A	COMP	.38	.14	1265 4307
270	10	2	A	COMP	.69	.32	1265 9116
287	1	.25	A	FILM	.38	.12	1266 9313
287	1	.50	A	FILM	.41	.14	1114 8699
287	1	1	A	WW	.27	.09	1634 9565
287	1	1	A	WW	.53	.09	1100 2227
287	1	1.50	A	WW	.33	.09	1634 9441
287	2	.25	A	FILM	.25	.09	1111 8601
300	1	.50	A	FILM	.38	.14	1100 3878
300	1	.50	A	WW	.46	.12	1088 4153
300	3	3	A	WW	.62	.25	1100 1302
300	3	5	A	WW	.88	.31	1100 1088
300	5	.50	A	COMP	.38	.14	1265 4323
300	5	1	A	COMP	.56	.23	1265 9124
300	5	1	A	FILM	.56	.19	1268 3314
300	5	2	A	COMP	.69	.32	1265 9132
300	5	5	A	WW	1.06	.34	1100 3167
300	5	21	D	WW	1.25	1.00	1266 6970
300	5	25	D	WW	2.00	.56	1341 3737

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
300	5	50	E	WW	4.00	.75	1100 4025
301	1	*	A	GLASS	.62	.20	1088 5747
301	1	.75	A	FILM	.75	.25	1267 1731
316	1	.25	A	FILM	.38	.12	1266 9339
316	1	.25	A	FILM	.42	.16	1100 6533
316	1	.25	A	FILM	.25	.09	1111 8619
316	1	.25	A	FILM	.65	.25	1316 8190
316	1	.50	A	WW	.34	.09	1193 6937
316	1	.50	A	FILM	.41	.14	1114 8707
316	1	1	A	WW	.41	.09	1100 1955
316	1	1	A	WW	.53	.09	1100 2235
316	2	.25	A	FILM	.23	.10	1111 8619
316	2	1	A	FILM	.56	.19	1119 5724
316	3	3	A	WW	.62	.25	1100 1427
330	1	.50	A	FILM	.41	.14	1100 3886
330	1	3	A	WW	.62	.25	1001 9271
330	3	3	A	WW	.62	.25	1100 1310
330	5	.25	A	FILM	.30	.10	1907 6694
330	5	.50	A	COMP	.38	.14	1265 4356
330	5	1	A	COMP	.56	.23	1265 9140
330	5	2	A	COMP	.69	.32	1265 9165
330	10	.50	A	COMP	.38	.14	1265 4364
330	10	1	A	COMP	.56	.23	1265 9157
330	10	2	A	COMP	.69	.32	1265 9173
332	1	.25	A	FILM	.38	.12	1266 9347
332	1	.25	A	FILM	.65	.25	1316 8182
332	1	.75	A	FILM	.75	.25	1267 1756
332	1	1	A	FILM	1.06	.38	1316 8265
340	1	.25	A	FILM	.38	.12	1267 3711
348	1	.25	A	FILM	.65	.25	1316 8141
348	1	.25	A	FILM	.38	.12	1266 9354
348	1	.50	A	WW	.31	.09	1193 6945
348	1	.50	A	FILM	.41	.14	1114 8715
348	1	.75	A	FILM	.75	.25	1267 1764
348	1	1	A	WW	.27	.09	1634 9573
348	1	1	A	WW	.50	.13	1100 4512
348	1	1	A	WW	.53	.09	1100 2243
348	1	1	A	FILM	1.06	.38	1322 1544
348	1	1.5	A	WW	.32	.09	1634 9672
348	1	2	A	WW	.81	.19	1100 2607
348	2	.25	A	FILM	.25	.09	1111 8627
350	5	21	D	WW	1.25	1.00	1266 6988
350	5	25	E	WW	2.00	.63	1104 0888
357	1	.50	A	FILM	.72	.26	1104 1936
360	3	3	A	WW	.62	.25	1100 1328
360	5	.25	A	COMP	.25	.09	1265 4372
360	5	.50	A	COMP	.38	.14	1265 4380
360	5	1	A	COMP	.56	.23	1265 9181
365	1	.25	A	FILM	.38	.12	1266 9362
374	1	.25	A	FILM	.65	.25	1316 8117
374	1	1	A	FILM	1.06	.38	1322 1551
383	1	.25	A	FILM	.38	.12	1266 9370
383	1	.50	A	FILM	.41	.14	1114 8723
383	1	1	A	WW	.48	.09	1100 2482
383	2	.25	A	FILM	.25	.09	1111 8635
390	1	3	A	WW	.62	.25	1001 9206
390	1	.50	A	FILM	.38	.14	1100 3894
390	5	.25	A	FILM	.30	.10	1907 6702
390	5	.50	A	COMP	.38	.14	1265 4414
390	5	1	A	COMP	.56	.23	1265 9207
390	5	2	A	WW	.38	.19	1127 7753
390	5	2	A	COMP	.69	.32	1265 9223
392	1	.25	A	FILM	.38	.12	1267 3729
392	1	.25	A	FILM	.65	.25	1316 8166
400	1	.50	A	WW	.46	.12	1088 4179
400	5	5	A	WW	1.19	.34	1266 5212

RESISTORS CONTINUED ON NEXT PAGE

\* { 1 @ 70°C }  
 { .50 @ 125°C }

## FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
400	5	10	A	WW	1.94	.41	1100 3449
400	5	10	D	WW	.75	.38	1100 4967
400	5	20	D	WW	2.08	.53	1100 2987
400	5	30	D	WW	1.25	1.12	1100 4124
402	1	.25	A	FILM	.38	.12	1266 9388
412	1	.25	A	FILM	.38	.12	1267 3737
420	5	15	F	WW	1.06	1.09	1316 8455
422	1	.12	A	FILM	.38	.12	1100 7416
422	1	.25	A	FILM	.38	.12	1266 9396
422	1	.25	A	FILM	.65	.25	1316 8125
422	1	.50	A	WW	.34	.09	1193 6960
422	1	.50	A	FILM	.41	.14	1114 8731
422	1	1	A	WW	.53	.09	1100 2409
422	1	1	A	FILM	1.06	.38	1316 8273
422	1	2	A	WW	.81	.19	1100 2615
422	2	.25	A	FILM	.25	.09	1111 8643
430	1	.50	A	WW	.47	.12	1064 6081
430	1	3	A	WW	.62	.25	1001 9297
430	1	.50	A	FILM	.41	.14	1100 3902
430	3	3	A	WW	.62	.25	1100 1336
430	5	.50	A	COMP	.38	.14	1265 4448
430	5	1	A	COMP	.56	.23	1265 9249
430	5	2	A	COMP	.69	.32	1265 9256
432	1	.75	A	FILM	.75	.25	1267 4651
432	1	2	A	WW	.81	.19	1322 2179
442	1	.25	A	FILM	.38	.12	1266 9404
442	1	.25	A	FILM	.65	.25	1316 8158
450	5	5	A	WW	1.19	.34	1266 5253
450	5	10	A	WW	2.00	.44	1266 5261
453	1	.25	A	FILM	.65	.25	1316 8133
464	1	.25	A	FILM	.38	.12	1266 9412
464	1	.25	A	FILM	.42	.16	1109 6740
464	1	.50	A	WW	.31	.09	1193 6978
464	1	.50	A	FILM	.41	.14	1114 8749
464	1	2	A	WW	.50	.19	1100 5634
464	2	.25	A	FILM	.25	.09	1111 8650
465	5	21	D	WW	1.25	1.00	1266 6996
465	5	30	D	WW	1.25	1.00	1030 5423
470	1	.50	A	FILM	.38	.14	1100 3738
470	5	.25	A	COMP	.25	.09	1265 4455
470	5	.25	A	FILM	.30	.10	1907 6710
470	5	.50	A	COMP	.38	.14	1265 4471
470	5	1	A	COMP	.56	.23	1265 9264
470	5	2	A	WW	.38	.19	1127 7779
470	5	2	A	COMP	.69	.32	1265 9280
470	10	.50	A	COMP	.38	.14	1265 4489
470	10	1	A	COMP	.56	.23	1265 9272
475	1	.25	A	FILM	.38	.12	1267 3745
475	1	.25	A	FILM	.65	.25	1316 8042
480	1	50	F	WW	1.97	1.16	1322 0397
487	1	.25	A	FILM	.38	.12	1266 9420
487	1	.75	A	FILM	.75	.25	1267 1830
499	1	.25	A	FILM	.38	.12	1267 3752
499	1	.50	A	WW	.31	.09	1193 7257
499	1	.75	A	FILM	.75	.25	1267 4669
500	5	5	A	WW	1.06	.34	1100 3175
500	5	5	A	WW	1.19	.34	1266 5295
500	5	5	E	WW	1.00	.31	1196 9573
500	5	10	A	WW	2.00	.44	1266 5303
500	5	10	D	WW	.75	.38	1110 8354
500	5	30	D	WW	1.25	1.12	1100 4116
500	5	50	E	WW	4.00	.75	1266 7028
500	5	200	E	WW	10.5	1.13	1126 3373
510	1	.30	A	WW	.62	.25	1001 9321
510	1	.50	A	FILM	.38	.14	1100 3910
510	5	.50	A	COMP	.38	.14	1265 4505

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
510	5	1	A	COMP	.56	.23	1265 9306
510	5	2	A	COMP	.69	.32	1265 9314
511	5	.25	A	FILM	.38	.14	1112 2199
511	1	.25	A	FILM	.38	.12	1266 9438
511	1	.50	A	WW	.31	.09	1193 6986
511	1	.50	A	FILM	.41	.14	1114 8756
511	1	.75	A	FILM	.75	.25	1267 1848
511	1	1	A	WW	.41	.09	1100 1641
511	1	1	A	WW	.53	.09	1100 2250
511	1	1.50	A	WW	.32	.09	1634 9490
511	1	2	A	WW	.81	.19	1107 5561
511	2	.25	A	FILM	.25	.09	1111 8668
511	2	1	A	FILM	.56	.19	1119 5781
511	3	3	A	WW	.62	.25	1100 1195
511	3	5	A	WW	.88	.31	1100 1054
523	1	.25	A	FILM	.65	.25	1316 8174
536	1	.75	A	FILM	.87	.31	1267 1855
550	.5	3	A	WW	.62	.25	1100 3613
560	1	.50	A	FILM	.66	.20	1266 3076
560	1	5	A	WW	.88	.31	1001 9248
560	3	3	A	WW	.62	.25	1100 1344
560	5	.50	A	COMP	.38	.14	1265 4539
560	5	1	A	COMP	.56	.23	1265 9322
560	5	1	A	FILM	.56	.19	1268 3371
562	.5	.25	A	FILM	.38	.14	1127 8884
562	1	.25	A	FILM	.38	.12	1266 9453
562	1	.50	A	FILM	.41	.14	1114 8764
562	1	.75	A	FILM	.75	.25	1267 1863
562	1	1	A	WW	.53	.09	1100 2268
562	1	2	A	WW	.50	.19	1100 5626
562	1	2	A	WW	.81	.19	1107 5579
562	2	.25	A	FILM	.25	.09	1111 8676
562	3	3	A	WW	.62	.25	1100 1492
576	1	.25	A	FILM	.38	.12	1267 3760
576	1	.75	A	FILM	.75	.25	1267 4677
600	1	2	A	WW	.62	.25	1319 0889
600	5	5	A	WW	1.19	.34	1266 5337
600	5	10	A	WW	2.00	.44	1266 5345
600	5	10	E	WW	1.75	.31	1341 3711
600	5	50	E	WW	4.06	.91	1344 4229
604	1	.25	A	FILM	.38	.12	1267 3778
604	1	.50	A	FILM	.38	.14	1114 9390
604	1	.75	A	FILM	.75	.25	1267 4685
619	1	.25	A	FILM	.38	.12	1266 9479
619	1	.50	A	WW	.34	.09	1193 7000
619	1	.50	A	FILM	.41	.14	1114 8772
619	1	.75	A	FILM	.75	.25	1267 1889
619	1	1	A	WW	.41	.09	1100 1963
619	1	1	A	WW	.53	.09	1100 2276
619	1	2	A	WW	.81	.19	1107 5587
619	1	3	A	WW	.50	.25	1100 6202
619	2	.25	A	FILM	.25	.09	1111 8684
619	3	3	A	WW	.62	.25	1117 7870
620	1	.50	A	FILM	.38	.14	1100 3746
620	1	3	A	WW	.62	.25	1001 9503
620	5	.25	A	FILM	.30	.10	1907 6728
620	5	.50	A	COMP	.38	.14	1265 4562
620	5	1	A	COMP	.56	.23	1265 9363
634	1	.25	A	FILM	.38	.12	1267 3786
640	5	30	D	WW	1.25	1.25	1111 2208
649	1	.25	A	FILM	.38	.13	1266 9487
650	1	75	F	WW	4.50	3.00	1322 1635
650	5	21	D	WW	1.25	1.00	1266 7036
650	5	30	D	WW	1.25	1.00	1030 5431
665	1	.25	A	FILM	.38	.12	1267 3794
665	1	.75	A	FILM	.75	.25	1267 4693

RESISTORS CONTINUED ON NEXT PAGE

FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
680	1	1	A	FILM	1.06	.38	1104 2181
680	5	.50	A	COMP	.38	.14	1265 4596
680	5	.50	A	FILM	.38	.14	1268 2282
680	5	1	A	COMP	.56	.23	1265 9389
680	5	2	A	WW	.38	.19	1127 7811
680	10	1	A	COMP	.56	.23	1265 9397
681	.5	.25	A	FILM	.38	.14	1112 2314
681	1	.25	A	FILM	.38	.12	1266 9495
681	1	.50	A	WW	.31	.09	1193 7018
681	1	.50	A	FILM	.41	.14	1114 8780
681	1	.75	A	FILM	.75	.25	1267 1905
681	1	1	A	WW	.53	.09	1100 2284
681	1	1.50	A	WW	.33	.09	1634 9458
681	1	2	A	WW	.81	.19	1107 5595
681	2	.25	A	FILM	.25	.09	1111 8692
681	3	3	A	WW	.62	.25	1100 1435
698	1	1	A	FILM	1.06	.38	1316 8257
700	1	1	A	WW	.44	.12	1320 1587
700	3	5	A	WW	.88	.31	1322 2328
715	1	.25	A	FILM	.38	.13	1266 9503
732	1	.75	A	FILM	.75	.25	1267 4701
750	1	.25	A	FILM	.38	.12	1266 9511
750	1	.50	A	FILM	.41	.14	1114 8798
750	1	.75	A	FILM	.75	.25	1267 1921
750	1	1	A	WW	.53	.09	1100 2292
750	1	1	A	FILM	1.06	.38	1104 2199
750	1	1.50	A	WW	.32	.09	1634 9508
750	1	2	A	WW	.81	.19	1107 5603
750	1	3	A	WW	.78	.28	1526 7255
750	1	10	A	WW	1.78	.38	1322 2419
750	2	.25	A	FILM	.25	.09	1111 8700
750	3	3	A	WW	.62	.25	1100 1203
750	5	.25	A	COMP	.25	.09	1265 4612
750	5	.50	A	COMP	.38	.14	1265 4620
750	5	1	A	COMP	.56	.23	1265 9421
750	5	2	A	COMP	.69	.32	1265 9439
750	5	10	A	WW	2.00	.44	1266 5386
750	5	10	E	WW	1.75	.31	1266 5360
750	5	20	D	WW	2.00	.56	1311 8930
750	5	21	D	WW	1.25	1.00	1266 7051
750	5	40	D	WW	2.00	1.12	1100 6277
787	1	.25	A	FILM	.65	.25	1316 8232
787	1	.75	A	FILM	.75	.25	1267 1939
800	1	1	A	WW	.56	.16	1319 0897
800	5	10	A	WW	1.94	.41	1100 3456
806	1	.25	A	FILM	.38	.12	1267 3802
820	1	.50	A	FILM	.38	.14	1100 3761
820	1	3	A	WW	.62	.25	1001 9388
820	3	3	A	WW	.62	.25	1100 1351
820	5	.50	A	COMP	.38	.14	1265 4653
820	5	1	A	COMP	.56	.23	1265 9447
820	5	10	A	WW	1.86	.38	1323 9959
820	10	.50	A	COMP	.38	.14	1265 4661
825	1	.25	A	FILM	.38	.12	1266 9537
825	1	.25	A	FILM	.42	.16	1100 6632
825	1	.25	A	FILM	.65	.25	1316 8026
825	1	.50	A	WW	.34	.09	1193 7034
825	1	.50	A	FILM	.41	.14	1114 8806
825	1	*	A	WW	.62	.20	1088 5754
825	1	1	A	WW	.41	.09	1100 1971
825	1	1	A	WW	.53	.09	1100 2300
825	1	1	A	FILM	1.06	.38	1322 2146
825	1	2	A	WW	.81	.19	1100 2623
825	2	.25	A	FILM	.25	.09	1111 8718
845	1	.25	A	FILM	.38	.12	1267 3810
860	5	21	D	WW	1.25	1.00	1266 7093

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
887	1	1	A	FILM	1.06	.38	1322 2153
900	5	5	A	WW	1.06	.34	1100 3183
900	5	10	A	WW	2.00	.44	1266 5469
900	5	10	F	WW	.75	.84	1316 8448
909	1	.25	A	FILM	.38	.12	1266 9552
909	1	.25	A	FILM	.41	.14	1100 7499
909	1	.25	A	FILM	.65	.25	1316 7994
909	1	.50	A	WW	.34	.09	1193 7042
909	1	.50	A	FILM	.41	.14	1114 8814
909	1	.75	A	FILM	.75	.25	1267 1962
909	1	1	A	WW	.48	.09	1100 2490
909	1	2	A	WW	.50	.25	1126 3944
909	1	2	A	WW	.81	.19	1100 2631
909	2	.25	A	FILM	.25	.09	1111 8726
910	1	3	A	WW	.62	.25	1001 9396
910	1	5	A	WW	.88	.31	1322 2443
910	3	3	A	WW	.62	.25	1100 1369
910	5	.50	A	COMP	.38	.14	1265 4687
910	5	.50	A	FILM	.38	.14	1268 2316
910	5	1	A	COMP	.56	.23	1265 9488
931	1	.12	A	FILM	.32	.13	1400 1200
931	1	.75	A	FILM	.75	.25	1267 4719
953	1	.25	A	FILM	.38	.13	1266 9560
953	1	.75	A	FILM	.75	.25	1267 1970
953	1	1	A	FILM	1.06	.38	1322 1387
1K	.5	.25	A	FILM	.38	.14	1112 2249
1K	1	.25	A	FILM	.38	.12	1266 9578
1K	1	.25	A	FILM	.41	.14	1100 7507
1K	1	.50	A	WW	.34	.09	1193 7059
1K	1	.50	A	FILM	.41	.14	1114 8822
1K	1	.50	A	FILM	.66	.20	1266 3811
1K	1	.75	A	FILM	.72	.26	1267 1988
1K	1	1	A	WW	.53	.09	1100 2318
1K	1	2	A	WW	.50	.25	1100 5667
1K	1	2	A	WW	.81	.19	1100 2649
1K	1	3	A	WW	.62	.25	1001 9289
1K	2	.25	A	FILM	.25	.09	1111 8734
1K	3	3	A	WW	.62	.25	1100 1211
1K	5	.25	A	COMP	.25	.09	1265 4695
1K	5	.25	A	FILM	.30	.10	1907 6744
1K	5	.50	A	COMP	.38	.14	1265 4711
1K	5	.50	A	FILM	.38	.14	1268 2324
1K	5	1	A	COMP	.56	.23	1265 9504
1K	5	2	A	COMP	.69	.32	1265 9520
1K	5	5	A	WW	1.06	.34	1100 3191
1K	5	5	A	WW	1.19	.34	1266 5493
1K	5	10	A	WW	1.94	.41	1100 3498
1K	5	10	A	WW	2.00	.44	1266 5501
1K	5	10	D	WW	.75	.38	1110 8412
1K	5	10	E	WW	1.75	.31	1266 5485
1K	5	30	D	WW	1.25	1.25	1111 2174
1K	10	.50	A	COMP	.38	.14	1265 4729
1K	10	1	A	COMP	.56	.23	1265 9512
1K	10	2	A	COMP	.69	.32	1265 9538
1.02K	1	.25	A	FILM	.38	.12	1267 3828
1.02K	1	1	A	WW	.53	.09	1322 2161
1.05K	1	.25	A	FILM	.38	.12	1266 9586
1.07K	1	5	A	WW	.88	.31	1322 2716
1.1K	1	.25	A	FILM	.38	.12	1266 9594
1.1K	1	.25	A	FILM	.42	.16	1100 6665
1.1K	1	.50	A	WW	.34	.09	1193 7067
1.1K	1	.50	A	FILM	.59	.20	1104 6703
1.1K	1	.50	A	FILM	.66	.20	1266 3829
1.1K	1	.75	A	FILM	.75	.25	1267 2002
1.1K	1	1	A	WW	.53	.09	1100 2326
1.1K	1	2	A	WW	.81	.19	1100 2656

RESISTORS CONTINUED ON NEXT PAGE

\* { 1 @ 70°C }  
 { .50 @ 125°C }

FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
1.1K	1	3	A	WW	.62	.25	1100 6152
1.1K	1	.50	A	FILM	.41	.14	1114 8830
1.1K	2	.25	A	FILM	.25	.09	1111 8742
1.1K	3	3	A	WW	.62	.25	1100 1229
1.1K	5	.50	A	COMP	.38	.14	1265 4745
1.1K	5	10	A	WW	2.00	.44	1266 5543
1.1K	5	10	D	WW	.75	.38	1100 4892
1.15K	1	.25	A	FILM	.38	.12	1266 9602
1.2K	1	.50	A	FILM	.41	.14	1114 9416
1.2K	1	.50	A	FILM	.66	.20	1266 3084
1.2K	1	2	A	WW	.81	.19	1001 9222
1.2K	5	.25	A	COMP	.25	.09	1265 4752
1.2K	5	.50	A	COMP	.38	.14	1265 4778
1.2K	5	.50	A	FILM	.38	.14	1268 2340
1.2K	5	1	A	COMP	.56	.23	1265 9561
1.2K	5	2	A	COMP	.69	.32	1265 9587
1.2K	5	2	A	WW	.38	.19	1127 7878
1.2K	5	10	A	WW	2.00	.44	1266 5584
1.2K	5	20	D	WW	2.00	.44	1100 2896
1.2K	5	21	D	WW	1.25	1.00	1266 7135
1.2K	5	30	D	WW	1.50	1.00	1030 5464
1.21K	1	.25	A	FILM	.38	.12	1266 9610
1.21K	1	.25	A	FILM	.41	.14	1100 7523
1.21K	1	.50	A	FILM	.41	.14	1114 8848
1.21K	1	.50	A	WW	.31	.09	1193 7075
1.21K	1	.75	A	FILM	.75	.25	1267 2028
1.21K	1	1	A	WW	.53	.09	1100 2334
1.21K	1	2	A	WW	.81	.19	1107 5611
1.21K	2	.25	A	FILM	.25	.09	1111 8759
1.24K	1	.75	A	FILM	.75	.25	1267 4727
1.25K	1	3	A	WW	.69	.28	1320 1512
1.25K	5	10	A	WW	1.94	.41	1100 3514
1.25K	5	65	D	WW	4.75	1.12	1100 4173
1.27K	1	.25	A	FILM	.38	.13	1266 9628
1.27K	1	.25	A	FILM	.65	.25	1316 8067
1.27K	1	.75	A	FILM	.75	.25	1267 2036
1.3K	.5	.25	A	FILM	.38	.14	1112 2264
1.3K	1	.50	A	FILM	.38	.14	1100 3936
1.3K	5	.25	A	COMP	.25	.09	1265 4794
1.3K	5	.50	A	COMP	.38	.14	1265 4802
1.3K	5	1	A	COMP	.56	.23	1265 9603
1.3K	5	10	A	WW	2.00	.44	1266 5626
1.3K	5	21	D	WW	1.25	1.00	1266 7143
1.33K	1	.25	A	FILM	.38	.12	1266 9636
1.33K	1	.25	A	FILM	.42	.16	1100 6681
1.33K	1	.50	A	FILM	.41	.14	1114 8855
1.33K	1	.50	A	WW	.31	.09	1193 7083
1.33K	1	.75	A	FILM	.75	.25	1267 2044
1.33K	1	2	A	WW	.81	.19	1107 5629
1.33K	2	.25	A	FILM	.25	.09	1111 8767
1.35K	5	30	D	WW	1.25	1.00	1030 5449
1.4K	1	.25	A	FILM	.25	.38	1266 9644
1.4K	2	.12	A	WW	.70	.20	1196 9599
1.4K	5	10	A	WW	2.00	.44	1266 5667
1.43K	1	.25	A	FILM	.38	.13	1267 5146
1.46K	5	21	D	WW	1.25	1.00	1034 9066
1.46K	5	30	D	WW	1.25	1.00	1233 8018
1.47K	1	.25	A	FILM	.38	.12	1266 9651
1.47K	1	.50	A	FILM	.41	.14	1114 8863
1.47K	1	1	A	WW	.53	.09	1100 2342
1.47K	1	2	A	WW	.50	.25	1126 3886
1.47K	1	2	A	WW	.81	.19	1107 5637
1.47K	2	.25	A	FILM	.25	.09	1111 8775
1.5K	.5	.25	A	FILM	.65	.25	1316 8075
1.5K	1	.25	A	FILM	.38	.12	1267 3836
1.5K	1	.50	A	FILM	.41	.14	1117 9314

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
1.5K	1	.50	A	FILM	.72	.26	1104 4724
1.5K	1	.75	A	FILM	.75	.25	1267 4735
1.5K	1	1	A	FILM	1.06	.38	1322 2088
1.5K	1	2	A	WW	.81	.19	1100 2680
1.5K	2	.50	A	FILM	.38	.14	1100 3944
1.5K	5	.25	A	COMP	.25	.09	1265 4810
1.5K	5	.50	A	COMP	.38	.14	1265 4836
1.5K	5	1	A	COMP	.56	.23	1265 9629
1.5K	5	2	A	COMP	.68	.32	1265 9645
1.5K	5	5	A	WW	1.06	.34	1100 3209
1.5K	5	5	A	WW	1.19	.34	1266 5691
1.5K	5	10	A	WW	2.00	.44	1266 5709
1.5K	5	10	D	WW	.75	.38	1110 8420
1.5K	5	25	E	WW	2.00	.62	1111 9880
1.5K	10	.50	A	COMP	.38	.14	1265 4844
1.54K	1	.50	A	FILM	.75	.25	1267 2077
1.58K	1	.25	A	FILM	.38	.12	1267 3844
1.58K	5	21	D	WW	1.25	1.00	1266 7192
1.6K	1	5	A	WW	.88	.31	1322 2492
1.6K	5	.50	A	COMP	.38	.14	1265 4869
1.6K	5	1	A	COMP	.56	.23	1265 9660
1.6K	5	10	A	WW	2.00	.44	1266 5741
1.62K	1	.25	A	FILM	.38	.12	1266 9677
1.62K	1	.50	A	FILM	.41	.14	1114 8871
1.62K	1	.50	A	WW	.34	.09	1193 7109
1.62K	1	1	A	WW	.41	.09	1100 2029
1.62K	1	2	A	WW	.81	.19	1107 5645
1.62K	2	.25	A	FILM	.25	.09	1111 8783
1.69K	1	.25	A	FILM	.38	.12	1266 9685
1.69K	1	.75	A	FILM	.75	.25	1267 2093
1.74K	1	.25	A	FILM	.38	.12	1267 3851
1.78K	1	.25	A	FILM	.38	.12	1266 9693
1.78K	1	.25	A	FILM	.42	.16	1100 6715
1.78K	1	.50	A	FILM	.41	.14	1114 8889
1.78K	1	1	A	WW	.48	.09	1100 2508
1.78K	1	2	A	WW	.81	.19	1107 5652
1.78K	2	.25	A	FILM	.25	.09	1111 8791
1.8K	1	.50	A	FILM	.41	.14	1114 9424
1.8K	1	2	A	FILM	2.19	.38	1104 2306
1.8K	5	.50	A	COMP	.38	.14	1265 4893
1.8K	5	1	A	COMP	.56	.23	1265 9686
1.8K	5	5	A	WW	1.19	.34	1266 5774
1.8K	5	10	A	WW	2.00	.44	1266 5782
1.8K	10	.50	A	COMP	.38	.14	1265 4901
1.8K	10	2	A	COMP	.69	.32	1265 9710
1.82K	1	.25	A	FILM	.38	.12	1267 3869
1.82K	1	.75	A	FILM	.75	.25	1267 4743
1.85K	5	.21	D	WW	1.25	1.00	1266 7200
1.87K	1	.25	A	FILM	.38	.12	1266 9701
1.87K	1	.75	A	FILM	.75	.25	1267 2119
1.91K	1	.25	A	FILM	.38	.12	1267 3877
1.96K	.5	.25	A	FILM	.38	.14	1112 2280
1.96K	1	.25	A	FILM	.38	.12	1266 9719
1.96K	1	.25	A	FILM	.41	.14	1100 7572
1.96K	1	.50	A	WW	.34	.09	1193 7125
1.96K	1	.50	A	FILM	.41	.13	1114 8897
1.96K	1	.75	A	FILM	.75	.25	1267 2127
1.96K	1	1	A	WW	.41	.09	1100 1997
1.96K	1	2	A	WW	.50	.25	1126 3845
1.96K	1	2	A	WW	.81	.19	1107 5660
1.96K	2	.25	A	FILM	.25	.09	1111 8809
2K	1	.25	A	FILM	.38	.12	1267 3885
2K	1	.25	A	FILM	.65	.25	1316 8000
2K	1	.50	A	FILM	.38	.14	1100 3787
2K	1	.75	A	FILM	.75	.25	1267 4750
2K	1	3	A	WW	.62	.25	1001 9438

RESISTORS CONTINUED ON NEXT PAGE

## FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
2K	1	10	A	WW	1.78	.38	1322 1650
2K	3	3	A	WW	.62	.25	1100 1450
2K	5	.25	A	COMP	.25	.09	1265 4919
2K	5	.25	A	FILM	.30	.10	1907 6751
2K	5	.50	A	COMP	.38	.14	1265 4927
2K	5	1	A	COMP	.56	.23	1265 9728
2K	5	2	A	COMP	.69	.32	1265 9736
2K	5	5	A	WW	1.06	.34	1100 3217
2K	5	5	A	WW	1.19	.34	1266 5816
2K	5	10	A	WW	1.94	.41	1100 3464
2K	5	10	A	WW	2.00	.44	1266 5824
2K	5	10	D	WW	.75	.38	1100 4959
2K	5	10	E	WW	1.75	.31	1266 5808
2K	5	25	E	WW	2.00	.62	1111 9781
2.05K	1	.25	A	FILM	.38	.12	1266 9727
2.05K	1	.75	A	FILM	.75	.25	1267 2135
2.1K	.5	.25	A	FILM	.38	.14	1112 2306
2.15K	1	.25	A	FILM	.38	.12	1266 9735
2.15K	1	.50	A	WW	.31	.09	1193 7133
2.15K	1	.50	A	FILM	.41	.14	1114 8905
2.15K	1	2	A	WW	.50	.25	1126 3878
2.15K	1	2	A	WW	.81	.19	1107 5678
2.15K	2	.25	A	FILM	.25	.09	1111 8817
2.15K	2	1	A	FILM	.56	.19	1119 5690
2.2K	1	.50	A	FILM	.38	.14	1104 6547
2.2K	1	.50	A	FILM	.75	.25	1104 1829
2.2K	1	3	A	WW	.62	.25	1001 9313
2.2K	1	10	A	WW	1.78	.38	1322 1643
2.2K	2	.50	A	FILM	.38	.14	1104 6547
2.2K	3	3	A	WW	.62	.25	1100 1377
2.2K	5	.50	A	COMP	.38	.14	1265 4950
2.2K	5	.50	A	FILM	.38	.14	1266 2415
2.2K	5	1	A	COMP	.56	.23	1265 9744
2.2K	5	2	A	COMP	.69	.32	1265 9769
2.2K	5	10	A	WW	2.00	.44	1266 5865
2.2K	10	.50	A	COMP	.38	.14	1265 4968
2.2K	10	1	A	COMP	.56	.23	1265 9751
2.21K	1	.25	A	FILM	.38	.12	1267 5138
2.21K	1	.25	A	FILM	.65	.25	1316 8224
2.25K	5	20	D	WW	2.00	.44	1100 2904
2.26K	1	.25	A	FILM	.38	.12	1266 9743
2.26K	1	.75	A	FILM	.75	.25	1267 2150
2.32K	1	.25	A	FILM	.38	.12	1267 3893
2.37K	1	.25	A	FILM	.38	.12	1266 9750
2.37K	1	.25	A	FILM	.42	.16	1109 6765
2.37K	1	.50	A	WW	.31	.09	1193 7141
2.37K	1	.50	A	FILM	.41	.14	1114 8913
2.37K	1	.75	A	FILM	.75	.25	1267 2168
2.37K	1	1	A	FILM	1.06	.38	1322 2096
2.37K	1	2	A	WW	.50	.25	1126 3852
2.37K	1	2	A	WW	.81	.19	1107 5686
2.37K	2	.25	A	FILM	.25	.09	1111 8825
2.37K	3	5	A	WW	.88	.31	1100 1062
2.4K	1	3	A	WW	.62	.25	1001 9479
2.4K	1	5	A	WW	.88	.31	1322 2484
2.4K	5	.50	A	COMP	.38	.14	1265 4984
2.4K	5	.50	A	FILM	.38	.14	1268 2415
2.4K	5	2	A	WW	.38	.19	1127 7944
2.4K	5	2	A	COMP	.69	.32	1265 9793
2.4K	5	5	A	WW	1.19	.34	1266 5899
2.4K	5	10	A	WW	2.00	.44	1266 5907
2.4K	5	21	D	WW	1.25	1.00	1266 7242
2.43K	1	.25	A	FILM	.38	.12	1267 5096
2.49K	1	.25	A	FILM	.38	.12	1266 9768
2.5K	1	.50	A	FILM	.75	.25	1104 1837
2.5K	5	5	A	WW	1.06	.34	1100 3266
2.5K	5	5	A	WW	1.19	.34	1266 5816
2.5K	5	10	A	WW	1.94	.41	1100 3464
2.5K	5	10	D	WW	.75	.38	1100 4959
2.5K	5	20	D	WW	2.00	.44	1100 2920
2.5K	5	21	D	WW	1.25	1.00	1266 7259
2.55K	1	.25	A	FILM	.38	.12	1267 3901
2.61K	1	.25	A	FILM	.38	.12	1266 9776
2.61K	1	.50	A	FILM	.41	.14	1114 8921
2.61K	1	.75	A	FILM	.75	.25	1267 2184
2.61K	1	2	A	WW	.81	.19	1107 5694
2.61K	2	.25	A	FILM	.25	.09	1111 8833
2.61K	3	3	A	WW	.63	.25	1100 1500
2.67K	1	.25	A	FILM	.38	.12	1267 5104
2.67K	1	.50	A	WW	.31	.09	1193 7265
2.67K	1	.75	A	FILM	.75	.25	1267 4768
2.67K	1	2	A	WW	.88	.25	1316 8372
2.7K	5	.50	A	COMP	.38	.14	1265 5015
2.7K	5	1	A	COMP	.56	.23	1265 9801
2.7K	5	5	A	WW	1.19	.34	1266 5964
2.7K	5	10	A	WW	2.00	.44	1266 5972
2.7K	10	.50	A	COMP	.38	.14	1265 5023
2.7K	10	2	A	COMP	.69	.32	1265 9835
2.74K	.5	.25	A	FILM	.65	.25	1316 8091
2.74K	1	.25	A	FILM	.38	.12	1266 9784
2.74K	1	.75	A	FILM	.75	.25	1267 2192
2.8K	1	.25	A	FILM	.38	.12	1267 3913
2.87K	.5	.25	A	FILM	.38	.14	1112 2330
2.87K	1	.25	A	FILM	.25	.09	1111 8841
2.87K	1	.25	A	FILM	.38	.12	1266 9792
2.87K	1	.50	A	FILM	.41	.14	1114 8939
2.87K	1	2	A	WW	.81	.19	1100 2664
2.87K	2	.25	A	FILM	.23	.10	1111 8841
3K	1	1	A	WW	.41	.09	1322 2245
3K	1	1	A	FILM	1.06	.38	1104 2108
3K	1	2	A	FILM	2.12	.33	1266 3092
3K	1	5	A	WW	.88	.31	1322 2435
3K	1	5	C	WW	.94	.34	1341 3745
3K	5	.50	A	COMP	.38	.14	1265 5049
3K	5	.50	A	FILM	.38	.14	1268 2431
3K	5	5	A	WW	1.19	.34	1266 5998
3K	5	10	A	WW	1.78	.38	1266 6004
3K	5	25	F	WW	1.06	1.09	1322 2708
3K	5	30	D	WW	1.25	1.12	1111 2257
3K	5	40	D	WW	2.00	1.22	1100 6335
3K	5	55	D	WW	3.50	1.12	1104 5564
3.01K	1	.25	A	FILM	.38	.12	1266 9800
3.01K	1	.50	A	FILM	.41	.14	1114 9366
3.01K	1	.75	A	FILM	.75	.25	1267 2218
3.01K	1	1	A	FILM	1.06	.38	1322 2112
3.01K	2	.25	A	FILM	.23	.10	1111 9294
3.09K	1	.25	A	FILM	.38	.12	1267 3927
3.16K	.5	.25	A	FILM	.38	.14	1112 2322
3.16K	1	.25	A	FILM	.38	.12	1266 9818
3.16K	1	.25	A	FILM	.38	.14	1100 7622
3.16K	1	.50	A	FILM	.41	.14	1114 8947
3.16K	1	1	A	WW	.41	.09	1100 2037
3.16K	1	2	A	WW	.81	.19	1107 5702
3.16K	1	2	A	WW	.50	.25	1126 3951
3.16K	2	.25	A	FILM	.25	.09	1111 8858
3.16K	3	3	A	WW	.62	.25	1100 1443
3.24K	1	.75	A	FILM	.75	.25	1267 4776
3.3K	1	.50	A	FILM	.41	.14	1117 9330
3.3K	3	3	A	WW	.62	.25	1100 1385
3.3K	5	.50	A	COMP	.38	.14	1265 5072
3.3K	5	1	A	COMP	.56	.23	1265 9868
3.3K	5	2	A	COMP	.69	.32	1265 9884

RESISTORS CONTINUED ON NEXT PAGE













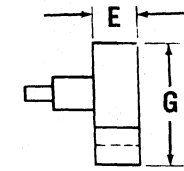
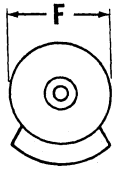
## FIXED RESISTORS (CONTINUED)

OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.	OHMS	%	WATTS	STYLE	TYPE	LEN.	DIA.	PART NO.
118K	1	.75	A	FILM	.75	.25	1267 4883	249K	1	.75	A	FILM	.75	.25	1267 3133
120K	1	.50	A	FILM	.38	.14	1104 6695	250K	1	.50	A	FILM	.69	.23	1341 3752
120K	1	.50	A	FILM	.66	.20	1266 3647	250K	1	.75	A	FILM	.75	.25	1104 1845
120K	1	.50	A	FILM	.72	.26	1104 4716	261K	1	.25	A	FILM	.38	.12	1267 0733
120K	1	1	A	FILM	1.06	.38	1104 2066	267K	1	.75	A	FILM	.75	.25	1267 4974
120K	5	.25	A	COMP	.25	.09	1009 1932	270K	1	.50	A	FILM	.66	.20	1266 3738
120K	5	.50	A	COMP	.38	.14	1265 6211	270K	1	1	A	FILM	1.06	.38	1104 2090
120K	10	.50	A	COMP	.38	.14	1265 6229	270K	5	.25	A	COMP	.25	.09	1265 6435
120K	10	1	A	COMP	.56	.23	1266 1013	270K	5	.50	A	COMP	.38	.14	1265 6450
121K	1	.25	A	FILM	.38	.12	1267 0576	270K	10	.50	A	COMP	.38	.14	1265 6468
121K	1	.50	A	FILM	.41	.14	1114 9325	274K	1	.12	A	FILM	.38	.12	1267 0741
121K	2	.25	A	FILM	.25	.09	1111 9237	274K	1	.75	A	FILM	.75	.25	1267 3158
124K	1	.75	A	FILM	.75	.25	1267 4891	280K	1	.50	A	FILM	.72	.26	1104 1910
130K	1	.25	A	FILM	.38	.12	1267 4511	280K	1	1	A	FILM	1.11	.40	1104 2231
130K	1	.50	A	FILM	.41	.14	1117 9447	287K	1	.75	A	FILM	.75	.25	1267 3166
130K	1	.75	A	FILM	.75	.25	1104 1795	300K	1	.50	A	FILM	.66	.20	1266 3746
133K	1	.25	A	FILM	.38	.12	1267 0592	309K	1	.75	A	FILM	.75	.25	1267 4982
133K	1	.50	A	FILM	.41	.14	1114 9333	330K	1	.50	A	FILM	.66	.20	1266 3753
137K	1	.25	A	FILM	.38	.12	1267 4529	330K	5	.50	A	COMP	.38	.14	1265 6518
137K	1	.75	A	FILM	.75	.25	1267 4909	330K	10	.50	A	COMP	.38	.14	1265 6526
140K	1	.75	A	FILM	.75	.25	1267 3018	332K	1	.75	A	FILM	.75	.25	1267 3190
147K	1	.50	A	FILM	.41	.14	1114 9341	340K	1	.25	A	FILM	.38	.12	1267 4560
147K	1	.75	A	FILM	.75	.25	1267 3026	360K	5	.50	A	COMP	.38	.14	1265 6542
150K	.5	7	E	WW	1.75	.31	1196 9623	365K	1	.50	A	FILM	.75	.25	1267 3216
150K	1	.50	A	FILM	.66	.20	1266 3654	390K	1	.75	A	FILM	.75	.25	1104 1852
150K	1	.50	A	FILM	.72	.26	1104 4740	390K	5	.25	A	COMP	.25	.09	1265 6559
150K	1	.50	A	FILM	1.00	.33	1266 3662	390K	5	.50	A	COMP	.38	.14	1265 6575
150K	1	2	A	FILM	2.23	.40	1104 2330	390K	10	.50	A	COMP	.38	.14	1265 6583
150K	5	.50	A	COMP	.38	.14	1265 6278	402K	1	.25	A	FILM	.38	.12	1267 0824
150K	10	.50	A	COMP	.38	.14	1265 6286	402K	1	.75	A	FILM	.75	.25	1267 3232
154K	1	.75	A	FILM	.75	.25	1267 3034	432K	1	.50	A	FILM	.72	.26	1104 1944
160K	1	.50	A	FILM	.66	.20	1266 3670	432K	1	.75	A	FILM	.75	.25	1267 4990
162K	1	.25	A	FILM	.38	.12	1267 0634	442K	1	.75	A	FILM	.75	.25	1267 3257
162K	1	.50	A	FILM	.41	.14	1114 9382	464K	1	.25	A	FILM	.38	.13	1267 0857
162K	1	.75	A	FILM	.75	.25	1267 3042	464K	1	.50	A	FILM	.41	.14	1127 9494
169K	1	.75	A	FILM	.75	.25	1267 3059	464K	1	1	A	FILM	.94	.30	1322 0330
174K	1	.75	A	FILM	.75	.25	1267 4917	470K	1	.50	A	FILM	.66	.20	1266 3761
180K	1	.50	A	FILM	.66	.20	1266 3688	470K	10	.50	A	COMP	.38	.14	1265 6641
180K	1	1	A	FILM	1.00	.33	1266 3696	475K	1	.50	A	FILM	.72	.26	1104 2033
180K	5	.25	A	COMP	.25	.09	1265 6310	487K	1	.25	A	FILM	.38	.12	1267 0865
180K	5	1	A	COMP	.56	.23	1266 1120	499K	1	.50	A	FILM	.72	.26	1104 2058
180K	10	.50	A	COMP	.38	.14	1265 6344	499K	1	.75	A	FILM	.75	.25	1267 5005
182K	1	.25	A	FILM	.38	.12	1267 4537	510K	5	.50	A	COMP	.35	.14	1265 6666
182K	1	.75	A	FILM	.75	.25	1267 4925	511K	1	.50	A	FILM	.41	.14	1117 9355
191K	1	.75	A	FILM	.75	.25	1267 4933	511K	1	1	A	FILM	1.11	.40	1104 2256
196K	1	.25	A	FILM	.38	.12	1267 0675	560K	1	.50	A	FILM	.75	.25	1104 1977
200K	1	.25	A	FILM	.38	.12	1267 4545	576K	1	.75	A	FILM	.75	.25	1267 5013
200K	1	.50	A	FILM	.66	.20	1266 3704	619K	1	.25	A	FILM	.38	.12	1267 0915
200K	1	.50	A	FILM	.72	.26	1104 4765	620K	1	.75	A	FILM	.75	.25	1104 1993
200K	1	.75	A	FILM	.75	.25	1267 4941	634K	1	.25	A	FILM	.38	.12	1341 3869
200K	5	.50	A	COMP	.38	.14	1265 6369	665K	1	.75	A	FILM	.75	.25	1267 5021
200K	5	2	A	COMP	.69	.31	1266 1179	680K	1	.50	A	FILM	.66	.20	1266 3779
210K	1	.75	A	FILM	.75	.25	1267 4958	750K	1	.75	A	FILM	.75	.25	1267 3364
215K	1	.50	A	FILM	.41	.14	1104 6711	750K	5	.50	A	COMP	.38	.14	1265 6781
220K	1	.50	A	FILM	.66	.20	1266 3712	806K	1	.75	A	FILM	.75	.25	1267 5039
220K	5	.50	A	COMP	.38	.14	1265 6393	820K	1	.50	A	FILM	.66	.20	1266 3787
220K	5	1	A	COMP	.56	.23	1266 1187	820K	10	.50	A	COMP	.38	.14	1265 6823
220K	10	.50	A	COMP	.38	.14	1265 6401	909K	1	.25	A	FILM	.38	.14	1267 0998
221K	1	.25	A	FILM	.38	.12	1267 4552	910K	1	.50	A	FILM	.66	.20	1266 3795
221K	1	.75	A	FILM	.75	.25	1267 4966	1M	1	.25	A	FILM	.38	.12	1267 1012
226K	1	.75	A	FILM	.75	.25	1267 3117	1M	1	.50	A	FILM	.66	.20	1266 3803
237K	1	.25	A	FILM	.38	.12	1267 0717	1M	1	.75	A	FILM	.75	.25	1267 3422
237K	1	.75	A	FILM	.75	.25	1267 3125	1M	5	.50	A	COMP	.38	.14	1265 6872
240K	1	.50	A	FILM	.66	.20	1266 3720	1M	10	.50	A	COMP	.38	.14	1265 6880
240K	5	.50	A	COMP	.38	.14	1265 6427	1.07M	1	.50	A	FILM	.72	.26	1104 1878
240K	5	.50	A	FILM	.38	.14	1268 2894	1.2M	10	.50	A	COMP	.38	.14	1265 6948

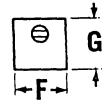
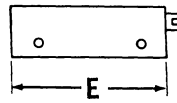
RESISTORS CONTINUED ON NEXT PAGE



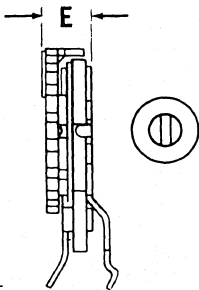
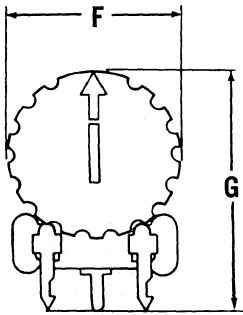
VARIABLE RESISTORS  
SAMPLE STYLE ILLUSTRATIONS



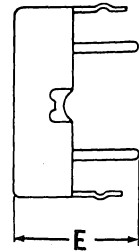
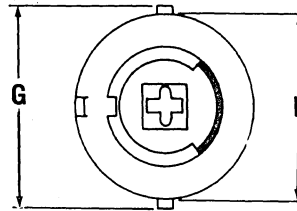
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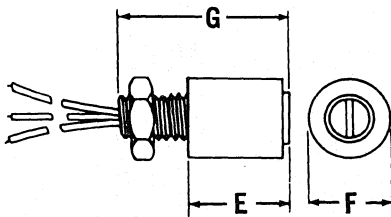
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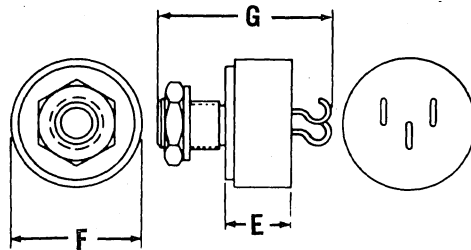
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D

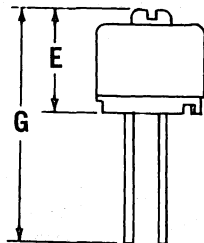


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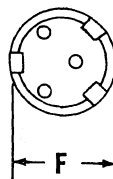


F

TYPE  
Comp . . . Composition  
WW . . . Wire Wound  
Cermet . . .



TERMINAL TYPE  
SL . . . Solder Lug  
WL . . . Wire Leads  
PC . . . Printed Circuit



G

RESISTORS CONTINUED ON NEXT PAGE



## · VARIABLE RESISTORS (CONTINUED)

OHMS	TOL.%	WATTS	STYLE	TYPE	DIMENSIONS (IN.)			TER-MINAL TYPE	PART NO.
					E	F	G		
1	5	1.50	A	WW	.48	.75	1.06	SL	1109 8753
1	10	22.50	A	WW	1.44	1.59	1.99	SL	1511 5546
2	-	25	A	WW	1.38	1.56	1.72	SL	1001 8794
4	10	3	A	WW	.78	1.69	2.09	SL	1104 9418
6	10	3	A	WW	.78	1.69	2.09	SL	1104 9426
6	10	5	A	WW	.45	.78	1.13	SL	1511 5512
6	20	1.25	D	WW	.70	.79	.85	PC	1196 9706
9	5	1.50	A	WW	.48	.75	1.06	SL	1109 8761
10	5	1.25	B	WW	.75	.25	.25	WL	1100 5204
10	5	1.50	A	WW	.48	.75	1.06	SL	1109 8779
10	10	.25	B	WW	1.34	.38	.33	WL	1100 5071
10	10	1	B	WW	1.34	.38	.33	WL	1100 5808
10	10	2	B	WW	1.00	.31	.22	WL	1111 1556
10	10	5	A	WW	.56	1.16	1.46	SL	1101 9866
10	10	5	A	WW	.72	1.16	1.62	SL	1001 9867
10	20	.75	B	WW	.75	.19	.33	PC	1088 5564
10	30	.50	G	CERMET	.25	.25	.56	PC	1089 6025
20	5	1	B	WW	1.25	.28	.31	PC	1117 8902
20	5	1	B	WW	1.25	.28	.31	WL	1103 4956
20	10	.25	B	WW	.31	.25	.25	WL	1100 5410
20	10	1	B	WW	1.25	.25	.31	PC	1117 8282
20	10	1	B	WW	1.34	.38	.33	WL	1100 5816
20	10	5	A	WW	.56	1.09	1.09	SL	1320 1488
25	5	1.50	A	WW	.48	.75	1.06	SL	1109 8845
25	10	12	A	WW	.69	.88	1.03	SL	1322 2609
35	10	150	A	WW	2.00	4.00	4.28	SL	1002 8058
50	5	.25	A	WW	.17	.50	.53	WL	1100 5451
50	5	1.50	A	WW	.48	.75	1.05	SL	1109 8787
50	5	2	A	WW	.62	1.28	1.72	SL	1064 5885
50	10	1	B	WW	.75	.16	.31	PC	1527 5324
50	10	1	B	WW	1.25	.25	.31	PC	1322 2633
50	10	1	B	WW	1.00	.18	.32	PC	1119 5906
50	10	1	B	WW	1.25	.28	.31	WL	1322 1007
50	10	1	B	WW	1.34	.38	.33	WL	1100 5824
50	10	2	A	COMP	.62	1.16	1.45	SL	1100 4546
50	10	5	A	WW	.56	1.16	1.50	SL	1341 3927
50	10	11.25	A	WW	.72	.91	1.02	SL	1510 1108
50	10	150	A	WW	2.00	4.00	4.28	SL	1002 9650
50	20	.75	B	WW	.75	.19	.33	PC	1088 5572
50	30	.50	G	CERMET	.25	.25	.56	PC	1146 8469
75	5	1.50	A	WW	.48	.75	1.06	SL	1109 8852
100	5	.50	G	CERMET	.25	.25	.56	PC	1634 9094
100	5	.50	G	WW	.68	.31	.31	PC	1119 7811
100	5	.50	F	WW	.27	.50	.70	SL	1115 1909
100	5	1	B	WW	.50	.19	.50	WL	1194 0335
100	5	1.50	A	WW	.48	.75	1.06	SL	1109 8795
100	10	.25	E	WW	.31	.25	.50	WL	1100 5345
100	10	.50	B	WW	.94	.29	.37	PC	1064 4409
100	10	.75	B	WW	.75	.19	.33	PC	1088 5549
100	10	.80	A	WW	.47	.50	.50	SL	1196 9631
100	10	1	B	WW	1.25	.25	.31	WL	1322 1023
100	10	1	B	WW	1.25	.25	.31	PC	1322 2658
100	10	1	B	WW	1.25	.25	.31	SL	1316 8406
100	10	1	B	WW	1.34	.38	.31	WL	1100 5832
100	10	2	A	WW	.59	1.12	1.53	SL	1196 9722
100	10	2	A	COMP	.62	1.16	1.45	SL	1100 4553
100	10	5	A	WW	.72	1.16	1.62	SL	1001 8760
100	10	100	A	WW	1.75	3.12	3.44	SL	1001 8398
100	10	100	A	WW	2.00	4.00	4.28	SL	1001 5865
100	20	2	D	WW	1.00	.75	.75	PC	1080 6073
100	30	.50	G	CERMET	.25	.25	.56	PC	1089 6041
150	5	1.50	A	WW	.48	.75	1.06	SL	1109 8803
200	5	.50	G	CERMET	.25	.25	.56	PC	1634 9102
200	5	.50	G	WW	.68	.31	.31	PC	1119 7803
200	5	.50	F	WW	.27	.50	.70	SL	1115 1917
200	5	2	A	WW	.63	1.28	1.72	SL	1064 5877

RESISTORS CONTINUED ON NEXT PAGE

## VARIABLE RESISTORS (CONTINUED)

OHMS	TOL.%	WATTS	STYLE	TYPE	DIMENSIONS (IN.)			TER-MINAL TYPE	PART NO.
					E	F	G		
200	10	.25	B	WW	1.34	.38	.33	WL	1100 5113
200	10	.25	B	WW	1.17	.59	.31	WL	1104 5432
200	10	.25	E	WW	.31	.25	.50	WL	1100 5352
200	10	.75	B	WW	.75	.19	.33	PC	1088 5556
200	10	1	B	WW	1.00	.18	.32	PC	1119 5914
200	10	1	B	WW	1.25	.25	.31	SL	1322 1668
200	10	1	B	WW	1.34	.38	.31	WL	1100 5840
200	10	2	A	WW	.72	1.30	1.63	SL	1001 8752
200	10	4	A	WW	.78	1.25	1.56	SL	1080 6057
200	10	100	A	WW	1.75	3.12	3.44	SL	1001 8380
220	20	2	D	WW	.62	.75	.75	PC	1080 6065
225	—	50	A	WW	1.38	2.31	2.72	SL	1002 7415
250	5	1.50	A	WW	.48	.75	1.06	SL	1109 8811
250	10	2	A	WW	.59	1.12	1.53	SL	1196 9730
250	10	2	A	COMP	.62	1.16	1.45	SL	1100 4561
250	10	2	A	WW	.72	1.30	1.63	SL	1001 8745
250	10	4	A	WW	.56	1.62	2.03	SL	1341 3794
400	—	2	—	—	—	—	—	—	1529 8235
500	5	.50	G	CERMET	.25	.25	.56	PC	1634 9110
500	5	.50	G	WW	.68	.31	.31	PC	1119 7829
500	5	1	B	WW	.50	.22	.50	PC	1119 5997
500	5	1	B	WW	.50	.19	.50	WL	1194 0350
500	5	1.50	A	WW	.48	.75	1.06	SL	1109 8860
500	10	.25	B	WW	1.34	.38	.33	WL	1100 5121
500	10	.25	E	WW	.31	.25	.50	WL	1100 5360
500	10	.75	B	CERMET	.75	.19	.34	PC	1147 2255
500	10	1	B	WW	1.00	.18	.32	PC	1119 5898
500	10	1	B	WW	1.25	.25	.31	PC	1322 2617
500	10	1	B	WW	1.25	.25	.31	SL	1322 1619
500	10	1	B	WW	1.25	.38	.31	WL	1322 0975
500	10	1	B	WW	1.34	.38	.33	WL	1100 5857
500	10	2	A	COMP	.62	1.16	1.45	SL	1100 4579
500	10	2	A	WW	.72	1.30	1.63	SL	1064 1132
500	10	25	A	WW	1.38	1.59	1.98	SL	1341 3844
750	10	4	A	WW	.36	1.30	1.70	SL	1008 0364
1K	5	.50	G	CERMET	.25	.25	.56	PC	1634 9128
1K	5	.50	G	WW	.68	.31	.31	PC	1119 7845
1K	5	1	B	WW	.50	.22	.50	PC	1119 5948
1K	5	1	B	WW	.50	.19	.50	WL	1194 0368
1K	5	1	B	WW	1.25	.28	.31	WL	1103 4964
1K	5	1.50	A	WW	.48	.75	1.06	SL	1109 8829
1K	10	.25	B	WW	1.34	.38	.33	WL	1100 5139
1K	10	.25	E	WW	.31	.25	.50	WL	1100 5378
1K	10	.50	B	WW	1.00	.28	.36	PC	1143 1574
1K	10	.50	B	WW	1.00	.29	.37	PC	1064 4441
1K	10	.80	A	COMP	.47	.50	.50	SL	1104 6992
1K	10	.80	B	WW	1.34	.30	.36	PC	1316 8331
1K	10	1	B	WW	1.00	.18	.32	PC	1119 5849
1K	10	1	B	WW	1.00	.19	.33	PC	1089 3121
1K	10	1	B	WW	1.25	.25	.31	PC	1117 8316
1K	10	1	B	WW	1.34	.38	.40	WL	1100 5865
1K	10	2	A	COMP	.62	1.16	1.45	SL	1100 4587
1K	10	5	B	WW	1.25	.28	.36	SL	1400 2091
1K	30	.25	C	COMP	.16	.59	.88	SL	1140 9794
2K	5	1	B	WW	.50	.22	.50	PC	1119 5955
2K	5	1	B	WW	.50	.19	.50	WL	1194 0376
2K	10	.25	E	WW	.31	.25	.50	WL	1100 5386
2K	10	.25	B	WW	1.17	.59	.39	WL	1196 9581
2K	10	.25	B	WW	1.34	.38	.33	WL	1100 5147
2K	10	.25	B	WW	1.34	.38	.41	WL	1107 4416
2K	10	1	B	WW	1.00	.18	.32	PC	1119 5856
2K	10	1	B	WW	1.25	.25	.31	WL	1322 0991
2.5K	1	1	B	WW	1.25	.22	.31	SL	1322 2401
2.5K	5	.80	B	WW	1.25	.27	.31	WL	1322 1098
2.5K	10	1	B	WW	1.25	.25	.31	PC	1322 2682
3K	10	2	A	WW	.72	1.30	1.62	SL	1021 5200

RESISTORS CONTINUED ON NEXT PAGE

## VARIABLE RESISTORS'(CONTINUED)

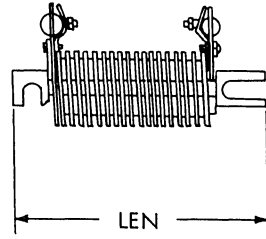
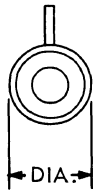
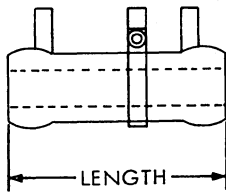
OHMS	TOL.%	WATTS	STYLE	TYPE	DIMENSIONS (IN.)			TER-MINAL TYPE	PART NO.
					E	F	G		
5K	5	.25	A	WW	.17	.50	.53	WL	1100 5519
5K	5	.50	G	WW	.68	.31	.31	PC	1119 7837
5K	5	.80	B	WW	1.25	.27	.31	WL	1322 1106
5K	5	1	B	WW	.50	.19	.50	WL	1194 0384
5K	5	1	B	WW	.50	.22	.50	PC	1119 5963
5K	5	1	B	WW	.50	.50	.26	PC	1316 8497
5K	5	1.50	A	WW	.48	.75	1.06	SL	1109 8878
5K	10	.25	E	WW	.31	.25	.50	WL	1100 5394
5K	10	.50	B	WW	.94	.29	.37	PC	1064 4458
5K	10	1	B	WW	1.00	.18	.32	PC	1119 5864
5K	10	1	B	WW	1.34	.38	.33	WL	1100 5881
5K	10	1	B	WW	1.25	.25	.31	PC	1322 2690
5K	10	2	A	COMP	.62	1.16	1.45	SL	1100 4603
5K	10	4	A	WW	.56	1.62	2.03	SL	1324 1096
5K	20	2	D	WW	.75	.75	.75	PC	1080 6081
5K	30	.50	G	CERMET	.25	.25	.56	PC	1146 8444
10K	5	1	B	WW	.50	.22	.50	PC	1119 5971
10K	5	1	B	WW	.50	.19	.50	WL	1194 0392
10K	10	.25	B	WW	1.33	.36	.39	WL	1100 5063
10K	10	.25	B	WW	1.34	.38	.33	WL	1100 5162
10K	10	.25	E	WW	.31	.25	.50	WL	1100 5402
10K	10	.50	B	WW	1.00	.18	.32	PC	1119 5872
10K	10	.50	B	WW	1.00	.29	.37	PC	1064 4508
10K	10	.80	A	WW	.47	.50	.50	SL	1104 6984
10K	10	1	B	WW	.75	.17	.32	PC	1051 4396
10K	10	1	B	WW	1.25	.25	.31	PC	1322 2625
10K	10	1	B	WW	1.25	.28	.31	WL	1322 0983
10K	10	1	B	WW	1.34	.38	.33	WL	1100 5899
10K	10	2	A	WW	.62	1.16	1.45	SL	1100 4611
10K	30	.50	G	CERMET	.25	.25	.56	PC	1146 8477
15K	5	1	B	WW	.50	.19	.50	WL	1105 9870
20K	5	.25	A	WW	.17	.50	.53	WL	1100 5535
20K	5	1	B	WW	.50	.22	.50	PC	1119 5989
20K	5	1	B	WW	.50	.19	.50	WL	1194 0400
20K	5	1.50	A	WW	.48	.75	1.06	SL	1109 8837
20K	10	.25	B	CARBON	1.33	.36	.31	WL	1193 7638
20K	10	1	B	WW	1.00	.18	.32	PC	1119 5880
20K	10	1	B	WW	1.25	.25	.31	PC	1322 2781
25K	5	1	B	WW	.50	.19	.50	WL	1194 0418
25K	10	.25	B	WW	1.25	.25	.31	PC	1111 8007
25K	10	1	B	WW	1.34	.38	.41	WL	1100 5915
25K	10	2	A	COMP	.62	1.16	1.45	SL	1100 4629
25K	30	.25	C	COMP	.16	.59	1.02	SL	1127 9288
25K	30	.50	G	CERMET	.25	.25	.56	PC	1146 8436
50K	5	1	B	WW	.50	.19	.50	WL	1194 0426
50K	10	.25	B	WW	1.25	.25	.31	PC	1111 8015
50K	10	.25	B	COMP	1.33	.36	.39	WL	1193 7646
50K	10	.25	B	WW	1.34	.38	.33	WL	1100 5188
50K	10	1	B	WW	1.00	.18	.32	PC	1119 5930
50K	10	1	B	WW	1.25	.25	.31	PC	1322 2641
50K	10	1	B	WW	1.25	.28	.31	WL	1322 1015
50K	10	2	A	COMP	.63	1.16	1.45	SL	1100 4637
100K	10	.25	B	CARBON	1.33	.36	.31	WL	1193 7653
100K	10	1	B	WW	1.00	.18	.32	PC	1119 5922
100K	10	2	A	COMP	.62	1.06	1.41	SL	1104 9152
100K	10	2	A	COMP	.62	1.16	1.45	SL	1100 4645
100K	20	.25	B	COMP	1.25	.25	.31	PC	1322 2666
100K	20	.25	B	WW	1.25	.28	.31	WL	1322 1031
100K	30	.50	G	CERMET	.25	.25	.56	PC	1146 8451
200K	10	.25	B	CARBON	1.33	.36	.31	WL	1193 7661
200K	20	.25	B	COMP	1.25	.25	.31	PC	1322 2674
200K	20	.25	B	WW	1.25	.28	.31	WL	1322 1049
250K	10	2	A	COMP	.62	1.06	1.41	SL	1104 9160
250K	10	2	A	COMP	.62	1.16	1.45	SL	1100 4652
250K	10	2	A	WW	1.27	1.06		SL	1104 9699
300K	20	.25	B	COMP	1.25	.22	.31	PC	1322 1080

VARIABLE RESISTORS CONTINUED ON NEXT PAGE

## VARIABLE RESISTORS (CONTINUED)

OHMS	TOL.%	WATTS	STYLE	TYPE	DIMENSIONS (IN.)			TER-MINAL TYPE	PART NO.
					E	F	G		
500K	10	.25	B	CARBON	1.33	.36	.31	WL	1193 7679
500K	10	2	A	COMP	.62	1.16	1.45	SL	1100 4660
1M	20	2	A	COMP	.62	1.16	1.45	SL	1100 4678
2.5M	20	2	A	COMP	.62	1.16	1.45	SL	1100 4686
5M	10	.25	B	CARBON	1.33	.36	.31	WL	1193 7687
5M	20	2	A	COMP	.62	1.16	1.45	SL	1100 4694

ADJUSTABLE RESISTORS



A

B

TYPE

WW . . . . WIRE WOUND  
RIB . . . . RIBBON

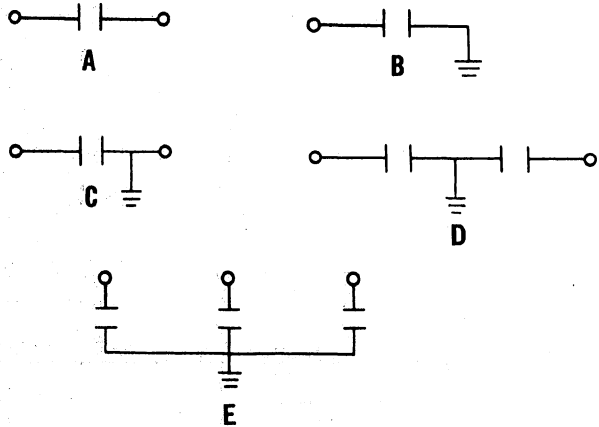
OHMS	TOL.%	WATTS	STYLE	TYPE	DIMENSIONS		PART NO.
					LEN.(IN.)	DIA.(IN.)	
1	10	10	A	WW	1.75	.31	1119 8215
1	-5/+10	25	A	WW	2.00	.63	1110 9386
1	10	25	A	WW	2.00	.56	1316 8471
1	10	100	A	WW	6.50	.75	1104 6539
1	10	1000	B	RIB	17.87	1.88	1147 2438
2	10	25	A	WW	2.00	.66	1324 1112
2	10	75	A	WW	6.00	.56	1323 9231
3	10	75	A	WW	6.00	.56	1119 8157
5	10	10	A	WW	1.75	.50	1527 0994
7.5	-5/+10	25	A	WW	2.00	.63	1110 9378
10	10	100	A	WW	6.50	.75	1322 2344
25	10	25	A	WW	2.00	.56	1316 8430
25	10	100	A	WW	6.50	.75	1104 6513
25	-5/+10	10	A	WW	1.75	.31	1104 0607
25	-5/+10	50	A	WW	4.50	.75	1196 7395
50	10	10	A	WW	1.75	.31	1341 3836
50	10	100	A	WW	6.50	.75	1104 6505
100	10	10	A	WW	1.75	.31	1341 3877
100	10	100	A	WW	6.50	.75	1104 6497
200	10	50	A	WW	4.00	.56	1511 2493
300	10	10	A	WW	1.75	.38	1323 9256
300	10	25	A	WW	2.00	.62	1341 3661
300	10	50	A	WW	4.75	.56	1311 8708
500	10	50	A	WW	4.00	.56	1341 3786
500	10	100	A	WW	6.50	.75	1008 9779
500	-5/+10	10	A	WW	1.75	.31	1104 0615
1.25K	10	50	A	WW	4.00	.62	1341 3687
1.5K	10	25	A	WW	2.00	.56	1322 2369
2K	10	10	A	WW	1.75	.38	1323 9249
3K	10	25	A	WW	2.00	.75	1341 7704



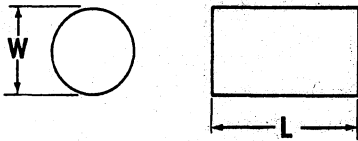
CAPACITORS

TYPE/STYLE	
(AC) . . . . .	Alternating Current
CAP . . . . .	Capacitance
Cyl . . . . .	Cylindrical
Elect . . . . .	Electrolytic
MWV . . . . .	Maximum Working Voltage
M. Mylar . . . . .	Metalized Mylar
Myl/Cer . . . . .	Mylar or Ceramic
Pa/Pl . . . . .	Paper or Plastic
Polys . . . . .	Polystyrene
Q.C. . . . .	Quick connect
Rect . . . . .	Rectangular
S. Mica . . . . .	Silvered Mica
TOL . . . . .	Tolerance
Tub . . . . .	Tubular
W. Wrap . . . . .	Wire Wrap
Poly . . . . .	Polycarbonate Film
Pheno. . . . .	Phenolic

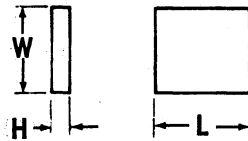
CIRCUITS



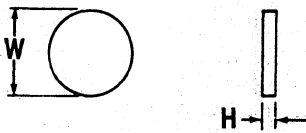
SAMPLE STYLE ILLUSTRATIONS  
(Dimensions given in INCHES)



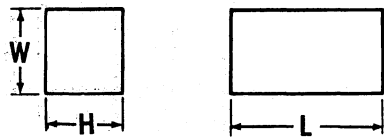
TUBULAR



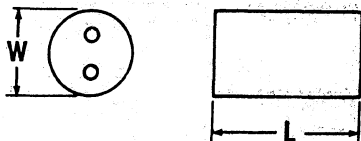
FLAT



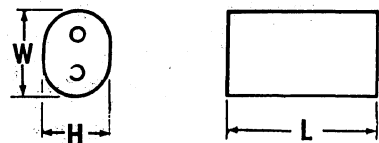
DISK



RECTANGULAR



CYLINDRICAL



OVAL

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
5 PF	5	500	S. MICA	FLAT	AXIAL	A	.59	.31	.22	1501 0283
6 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1343
10 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1665
10 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4260
10 PF	5	500	S. MICA	FLAT	AXIAL	A	.79	.46	.21	1265 0776
10 PF	10	200	CERAMIC	TUB	AXIAL	A	.44	.17	-	1101 0774
10 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1509
10 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4518
10 PF	20	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4641
20 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 0891
22 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1749
22 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4351
22 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9859
22 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 0857
22 PF	20	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1324 0197
24 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 0865
24 PF	20	200	CERAMIC	TUB	AXIAL	A	.44	.17	-	1101 1004
27 PF	10	200	CERAMIC	TUB	AXIAL	A	.44	.17	-	1101 0873
30 PF	2	500	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1137
30 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1772
33 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9792
33 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1712
33 PF	5	125	POLYS	TUB	AXIAL	A	.40	.16	-	1100 8125
33 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1780
33 PF	10	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1274
33 PF	10	125	POLYS	TUB	AXIAL	A	.40	.16	-	1100 8604
33 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1475
33 PF	20	1000	CERAMIC	DISK	RADIAL	A		.13	.16	1117 8928
39 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1806
39 PF	5	500	MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1089
39 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9917
39 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1640
39 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4575
47 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2637
47 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1162
47 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	-	1101 4438
47 PF	20	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1324 0205
50 PF	.5	100	MICA	FLAT	AXIAL	A	.55	.31	.22	1127 8520
50 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4427
51 PF	2	500	MICA	FLAT	AXIAL	A	.55	.33	.22	1101 1152
51 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1753
51 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2645
51 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	-	1101 4461
51 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1913
56 PF	1	500	S. MICA	FLAT	AXIAL	A	.69	.44	.22	1100 9743
56 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1761
56 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2652
56 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1220
56 PF	20	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1324 0213
62 PF	2	500	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1145
62 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2660
62 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1253
68 PF	.5	100	MICA	FLAT	AXIAL	A	.55	.31	.22	1127 8553
68 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2678
68 PF	5	500	MICA	FLAT	RADIAL	A	.55	.31	.22	1321 9886
68 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	-	1101 4446
75 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0664
75 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1795
75 PF	5	500	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1202
82 PF	5	500	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1228
82 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1345
82 PF	20	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1324 0221
91 PF	2	500	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1129
91 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1811
100 PF	.5	100	MICA	FLAT	AXIAL	A	.55	.31	.22	1127 8595
100 PF	1	500	GLASS	FLAT	AXIAL	A	.34	.17	.08	1117 5999

CAPACITORS CONTINUED ON NEXT PAGE



## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
100 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9826
100 PF	2	500	S. MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1046
100 PF	2	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1324 0130
100 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1829
100 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1104 2710
100 PF	5	500	CERAMIC	DISK	RADIAL	A	—	.31	.19	1105 4194
100 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4278
100 PF	5	500	S. MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1194
100 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1402
100 PF	10	100	CERAMIC	TUB	AXIAL	A	.32	.09	—	1100 9487
100 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	—	1101 4503
100 PF	10	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1381
100 PF	10	100	MYLAR	TUB	AXIAL	A	.53	.16	—	1100 1240
100 PF	10	125	POLYS	TUB	AXIAL	A	.40	.16	—	1100 8711
100 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 1921
100 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4326
100 PF	20	1000	CERAMIC	DISK	RADIAL	A	—	.30	.15	1104 6257
110 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1436
120 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0672
120 PF	5	300	MICA	FLAT	RADIAL	A	.48	.37	.22	1321 9381
120 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1469
130 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4302
150 PF	5	100	MYLAR	TUB	AXIAL	A	.26	.10	—	1101 4289
150 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1860
150 PF	5	125	POLYS	TUB	AXIAL	A	.40	.16	—	1100 8273
150 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1104 2751
150 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4310
150 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1527
150 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	—	1101 4511
150 PF	10	100	MYLAR	TUB	AXIAL	A	.53	.16	—	1105 1265
150 PF	200	125	POLYS	TUB	AXIAL	A	.40	.16	—	1100 9248
150 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 2119
180 PF	5	500	MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1568
180 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1584
200 PF	1	100	MYLAR	TUB	AXIAL	A	.52	.10	—	1105 4418
200 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9834
200 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1894
200 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1104 2785
200 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4336
200 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	—	1101 4479
200 PF	10	100	MYLAR	TUB	AXIAL	A	.46	.10	—	1105 1281
200 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 1939
200 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4559
200 PF	20	125	POLYS	TUB	AXIAL	A	.40	.17	—	1100 9271
200 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 2127
200 PF	20	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4666
220 PF	2	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1510 3286
220 PF	2	500	S. MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1053
220 PF	5	100	MYLAR	TUB	AXIAL	A	.27	.10	—	1101 4297
220 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1902
220 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 2275
220 PF	5	300	MICA	FLAT	RADIAL	A	.48	.38	.22	1321 9399
220 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4369
220 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1642
220 PF	5	600	CERAMIC	DISK	RADIAL	A	—	.29	.19	1319 0707
220 PF	10	100	CERAMIC	TUB	AXIAL	A	.32	.09	—	1100 9495
220 PF	10	100	MYLAR	TUB	AXIAL	A	.53	.16	—	1105 1299
220 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 2135
240 PF	1	300	S. MICA	FLAT	RADIAL	A	.47	.38	.22	1316 7374
240 PF	1	500	GLASS	FLAT	AXIAL	A	.34	.17	.08	1101 2846
240 PF	2	500	S. MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1061
240 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1910
240 PF	5	125	POLYS	TUB	AXIAL	A	.40	.17	—	1100 8323
240 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1104 2801
240 PF	5	300	MICA	FLAT	RADIAL	A	.48	.36	.22	1321 9373
240 PF	5	500	MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1659

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
240 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1675
240 PF	10	125	POLYS	TUB	AXIAL	A	.40	.17	-	1100 8802
240 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1947
250 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4377
250 PF	10	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1100 9651
270 PF	1	300	GLASS	FLAT	AXIAL	A	.34	.17	.08	1101 2853
270 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9735
270 PF	2	500	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1111
270 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2819
270 PF	20	1000	CERAMIC	DISK	RADIAL	A	-	.31	.16	1341 3224
300 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1936
300 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2827
300 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4385
300 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1733
300 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	-	1101 4495
300 PF	10	125	POLYS	TUB	AXIAL	A	.40	.17	-	1100 8828
300 PF	10	200	CERAMIC	TUB	AXIAL	A	.47	.20	-	1510 2684
320 PF	5	600	CERAMIC	DISK	RADIAL	A	-	.29	.19	1319 0715
330 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9842
330 PF	5	100	MYLAR	TUB	AXIAL	A	.53	.16	-	1105 0937
330 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1944
330 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2835
330 PF	5	500	MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1741
330 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1766
330 PF	10	100	MYLAR	TUB	AXIAL	A	.27	.10	-	1101 4529
330 PF	10	125	POLYS	TUB	AXIAL	A	.40	.19	-	1100 8836
330 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1962
330 PF	10	125	POLYS	TUB	AXIAL	A	.40	.19	-	1100 8836
360 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0680
360 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1951
360 PF	5	100	MYLAR	TUB	AXIAL	A	.46	.10	-	1105 0945
360 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1790
390 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4313
390 PF	5	100	MYLAR	TUB	AXIAL	A	.53	.16	-	1105 0952
390 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2850
390 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4401
390 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1824
390 PF	5	500	MICA	FLAT	RADIAL	A	.55	.31	.22	1321 9878
390 PF	10	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4552
390 PF	10	125	POLYS	TUB	AXIAL	A	.40	.19	-	1100 8851
390 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1970
400 PF	1	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1105 4426
400 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9701
430 PF	2	300	MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1095
430 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4370
430 PF	5	100	MYLAR	TUB	AXIAL	A	.53	.16	-	1105 0960
430 PF	5	125	POLYS	TUB	AXIAL	A	.40	.19	-	1100 8380
430 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2868
430 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1857
430 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 2143
470 PF	2	300	S. MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1079
470 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4339
470 PF	5	125	POLYS	TUB	AXIAL	A	.40	.19	-	1100 8398
470 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2876
470 PF	5	500	MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1865
470 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1881
470 PF	10	100	CERAMIC	TUB	AXIAL	A	.32	.09	-	1100 9453
470 PF	10	100	MYLAR	TUB	AXIAL	A	.53	.16	-	1105 1372
470 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 1988
470 PF	20	300	CERAMIC	TUB	AXIAL	A	.75	.18	-	1324 0775
500 PF	1	200	MYLAR	TUB	AXIAL	A	.75	.20	-	1105 7031
500 PF	1	500	S. MICA	FLAT	AXIAL	A	.69	.44	.22	1100 9750
500 PF	5	200	MYLAR	TUB	AXIAL	A	.75	.20	-	1105 7080
500 PF	5	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4435
500 PF	5	600	CERAMIC	DISK	RADIAL	A	-	.39	.19	1319 0749
500 PF	10	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1100 9669

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
500 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4583
500 PF	20	500	CERAMIC	TUB	AXIAL	A	.45	.19	-	1002 2168
500 PF	20	500	CERAMIC	DISK	RADIAL	A	-	.29	.16	1104 8162
500 PF	20	1000	CERAMIC	DISK	RADIAL	A	-	.30	.15	1104 6307
510 PF	2	300	S. MICA	FLAT	AXIAL	A	.55	.31	.22	1101 1087
510 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1105 0986
510 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 1993
510 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2884
510 PF	5	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1265 1915
510 PF	10	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4560
510 PF	10	125	POLYS	TUB	AXIAL	A	.40	.21	-	1100 8885
510 PF	20	125	POLYS	TUB	AXIAL	A	.40	.21	-	1100 9370
510 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 2150
560 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1102 0698
560 PF	2	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1510 3294
560 PF	3	300	MICA	FLAT	RADIAL	A	.72	.36	.18	1320 1454
560 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 2009
560 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4305
560 PF	5	125	POLYS	TUB	AXIAL	A	.40	.21	-	1100 8414
560 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2892
560 PF	5	250	CERAMIC	TUB	AXIAL	A	.81	.25	-	1101 2416
560 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9875
560 PF	10	200	CERAMIC	TUB	AXIAL	A	.47	.20	-	1510 2676
560 PF	10	250	CERAMIC	TUB	AXIAL	A	.81	.25	-	1101 2424
560 PF	20	500	CERAMIC	TUB	AXIAL	A	.56	.25	-	1324 0239
600 PF	1	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1105 4434
600 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9818
620 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0631
620 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 2017
620 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9933
620 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4591
680 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0649
680 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 2025
680 PF	5	125	POLYS	TUB	AXIAL	A	.40	.21	-	1100 8430
680 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2918
680 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9941
680 PF	5	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2004
680 PF	10	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4537
680 PF	10	125	POLYS	TUB	AXIAL	A	.40	.21	-	1100 8919
680 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1001 2002
680 PF	20	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4487
700 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0706
750 PF	1	500	S. MICA	FLAT	AXIAL	A	.69	.44	.22	1100 9800
750 PF	1	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1321 9753
750 PF	2	500	S. MICA	FLAT	AXIAL	A	.80	.47	.22	1510 3302
750 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 2033
750 PF	5	100	MYLAR	TUB	AXIAL	A	.53	.16	-	1105 1026
750 PF	5	125	POLYS	TUB	AXIAL	A	.40	.21	-	1100 8448
750 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2926
750 PF	5	300	GLASS	FLAT	AXIAL	A	.47	.27	.11	1100 9552
750 PF	5	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2038
820 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	-	1112 2041
820 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4354
820 PF	5	125	POLYS	TUB	AXIAL	A	.40	.22	-	1100 8455
820 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1104 2934
820 PF	5	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2061
820 PF	10	100	MYLAR	TUB	AXIAL	A	.52	.10	-	1101 4545
820 PF	10	125	POLYS	TUB	AXIAL	A	.40	.22	-	1100 8935
820 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 2010
820 PF	10	500	MICA	FLAT	AXIAL	A	.69	.44	.22	1104 4609
820 PF	20	125	POLYS	TUB	AXIAL	A	.40	.22	-	1100 9420
820 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	-	1101 2168
910 PF	1	500	S. MICA	FLAT	AXIAL	A	.69	.44	.22	1100 9776
1000 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1100 9768
1000 PF	5	100	CERAMIC	FLAT	RADIAL	A	.20	.20	-	1141 0347
1000 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1104 8022

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
1000 PF	5	100	MYLAR	TUB	AXIAL	A	.52	.10	—	1101 4388
1000 PF	5	100	MYLAR	TUB	AXIAL	A	.53	.16	—	1105 1059
1000 PF	5	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 2066
1000 PF	5	100	PA/PL	TUB	AXIAL	A	.60	.20	—	1519 0234
1000 PF	5	125	POLYS	TUB	AXIAL	A	.40	.22	—	1100 8471
1000 PF	5	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1104 2959
1000 PF	5	200	MYLAR	TUB	AXIAL	A	.75	.20	—	1105 7098
1000 PF	5	200	M. MYLAR	TUB	AXIAL	A	.72	.23	—	1104 3957
1000 PF	5	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4286
1000 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9958
1000 PF	5	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2129
1000 PF	10	100	CERAMIC	TUB	AXIAL	A	.32	.09	—	1100 9503
1000 PF	10	100	MYL/CER	TUB	AXIAL	A	.45	.19	—	1112 1621
1000 PF	10	100	MYLAR	TUB	AXIAL	A	.53	.16	—	1105 1455
1000 PF	10	100	PLASTIC	TUB	AXIAL	A	.70	.21	—	1476 0292
1000 PF	10	125	POLYS	TUB	AXIAL	A	.40	.22	—	1100 8950
1000 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.19	—	1101 0428
1000 PF	10	200	CERAMIC	FLAT	RADIAL	A	.20	.20	.10	1319 0756
1000 PF	10	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4534
1000 PF	20	125	POLYS	TUB	AXIAL	A	.40	.22	—	1100 9446
1000 PF	20	150	MYLAR	FLAT	AXIAL	A	.53	.18	.10	1109 9041
1000 PF	20	200	CERAMIC	FLAT	RADIAL	A	.15	.15	—	1126 3142
1000 PF	20	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 0758
1000 PF	20	200	PA/PL	TUB	AXIAL	A	.60	.26	—	1341 3497
1000 PF	20	500	CERAMIC	DISK	RADIAL	A	—	.39	.16	1323 8217
1000 PF	20	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4658
1000 PF	20	1000	CERAMIC	DISK	RADIAL	A	—	.31	.16	1341 3174
1000 PF	-25/+60	600	PA/PL	TUB	AXIAL	A	1.00	.38	—	1265 0024
1100 PF	5	35	PA/PL	TUB	AXIAL	A	.70	.20	—	1081 8557
1100 PF	10	100	PA/PL	TUB	AXIAL	A	.60	.20	—	1510 2890
1200 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1101 2614
1200 PF	5	500	CERAMIC	DISK	RADIAL	A	—	.44	.16	1103 8551
1200 PF	5	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4294
1200 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9883
1200 PF	10	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1101 2713
1300 PF	1	500	S. MICA	FLAT	AXIAL	A	.80	.45	.22	1112 0714
1300 PF	2	300	S. MICA	FLAT	RADIAL	A	.76	.54	.26	1316 7390
1300 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1101 2622
1500 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	—	1104 3965
1500 PF	10	200	CERAMIC	TUB	AXIAL	A	.45	.18	—	1101 1814
1500 PF	10	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4542
1500 PF	20	1000	CERAMIC	DISK	RADIAL	A	—	.30	.15	1104 6380
1600 PF	1	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9719
1600 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1104 7891
1600 PF	5	250	CERAMIC	TUB	AXIAL	A	.81	.25	—	1101 2432
1800 PF	1	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9727
1800 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1101 2630
1800 PF	5	200	M. MYLAR	TUB	AXIAL	A	.72	.23	—	1104 4096
1800 PF	5	250	CERAMIC	TUB	AXIAL	A	.81	.25	—	1101 2440
1800 PF	5	300	MICA	FLAT	RADIAL	A	.76	.53	.26	1321 9365
1800 PF	5	500	MICA	FLAT	AXIAL	A	.80	.47	.22	1510 2726
2000 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1104 7917
2000 PF	5	300	S. MICA	FLAT	RADIAL	A	.73	.48	.20	1344 7396
2000 PF	5	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4344
2000 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9891
2000 PF	5	500	S. MICA	FLAT	AXIAL	A	.86	.86	.36	1265 2335
2000 PF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	—	1105 6751
2000 PF	10	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4567
2000 PF	20	100	CERAMIC	DISK	RADIAL	A	—	.37	.16	1104 6406
2000 PF	20	400	PA/PL	TUB	AXIAL	A	.52	.26	—	1341 3562
2000 PF	20	500	MICA	FLAT	AXIAL	A	.78	.44	.22	1104 4674
2000 PF	20	1000	CERAMIC	DISK	RADIAL	A	—	.30	.15	1104 6406
2200 PF	1	500	S. MICA	FLAT	AXIAL	A	.83	.83	.28	1321 9563
2200 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	—	1104 8006
2200 PF	5	100	PA/PL	TUB	AXIAL	A	.60	.29	—	1519 0192
2200 PF	5	200	M. MYLAR	TUB	AXIAL	A	.72	.26	—	1104 3793

CAPACITORS CONTINUED ON NEXT PAGE

CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
2200 PF	5	300	MICA	FLAT	RADIAL	A	.74	.49	.21	1321 9860
2200 PF	10	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1101 2770
2200 PF	-20/+40	600	PA/PL	TUB	AXIAL	A	1.00	.38	-	1265 0081
2700 PF	1	500	S. MICA	TUB	AXIAL	A	.73	.44	-	1101 2952
2700 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1104 7966
2700 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4104
2700 PF	5	300	MICA	FLAT	RADIAL	A	.74	.49	.21	1321 9969
2700 PF	10	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1101 2721
2700 PF	20	1000	CERAMIC	DISK	RADIAL	A	-	.43	.16	1341 3232
3000 PF	1	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9784
3200 PF	5	300	MICA	FLAT	RADIAL	A	.74	.50	.22	1321 9977
3250 PF	1	500	S. MICA	FLAT	AXIAL	A	1.00	.81	.09	1321 9407
3300 PF	1	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 3874
3300 PF	2	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 3908
3300 PF	5	100	PA/PL	TUB	AXIAL	B	.60	.29	-	1501 7569
3300 PF	5	500	MICA	FLAT	AXIAL	A	.86	.86	.36	1265 2467
3300 PF	5	500	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1100 9909
3300 PF	5	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2483
3300 PF	10	80	MYLAR	TUB	AXIAL	A	.34	.15	-	1127 6029
3300 PF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1105 6769
3300 PF	20	600	MYLAR	FLAT	AXIAL	A	.88	.38	.31	1104 9244
3900 PF	.5	300	S. MICA	FLAT	RADIAL	A	.76	.54	.26	1316 7382
3900 PF	1	300	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1101 2911
3900 PF	1	300	S. MICA	FLAT	RADIAL	A	.76	.54	.26	1316 7366
3900 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4112
3900 PF	5	300	MICA	FLAT	RADIAL	A	.75	.51	.23	1321 9985
3900 PF	5	500	MICA	FLAT	AXIAL	A	.86	.86	.36	1265 2525
4300 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1104 7925
4700 PF	1	300	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1101 2937
4700 PF	1	500	S. MICA	FLAT	AXIAL	A	.86	.86	.36	1341 3240
4700 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 3981
4700 PF	5	500	MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2582
4700 PF	5	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2608
4700 PF	10	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1101 2762
4700 PF	10	100	PA/PL	TUB	AXIAL	A	.60	.20	-	1510 2759
4700 PF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1105 6777
4700 PF	20	100	MYLAR	FLAT	RADIAL	A	.50	.47	.23	1296 2460
4700 PF	20	200	CERAMIC	FLAT	RADIAL	A	.30	.30	-	1126 3043
4700 PF	20	200	CERAMIC	TUB	AXIAL	A	.26	.13	-	1147 1646
4700 PF	20	1000	CERAMIC	DISK	RADIAL	A	-	.59	.16	1341 3190
4700 PF	-20/+40	600	PA/PL	TUB	AXIAL	A	1.00	.38	-	1265 0149
5000 PF	1	300	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1101 2929
5000 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1104 7982
5000 PF	20	100	CERAMIC	DISK	RADIAL	A	-	.30	.16	1102 0641
5000 PF	20	200	PA/PL	TUB	AXIAL	A	.60	.22	-	1341 3596
5000 PF	20	500	CERAMIC	DISK	RADIAL	A	-	.59	.16	1321 9696
5100 PF	1	300	S. MICA	FLAT	AXIAL	A	.78	.44	.22	1101 2945
5100 PF	1	500	S. MICA	FLAT	AXIAL	A	.86	.86	.36	1341 3265
5100 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1101 2648
5100 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4120
5600 PF	1	500	MICA	FLAT	AXIAL	A	.83	.83	.34	1321 9746
5600 PF	1	500	S. MICA	FLAT	AXIAL	A	.83	.83	.28	1321 9589
5600 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1104 7909
5600 PF	10	400	PAPER	TUB	AXIAL	A	1.00	.31	-	1105 2693
6200 PF	5	500	S. MICA	FLAT	AXIAL	B	.83	.83	.34	1265 2699
6800 PF	1	500	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1321 9571
6800 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1101 2655
6800 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 3999
6800 PF	10	80	MYLAR	TUB	AXIAL	A	.40	.19	-	1127 6078
6800 PF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1105 6785
7000 PF	1	300	S. MICA	FLAT	AXIAL	A	.83	.83	.34	1321 9738
8000 PF	5	300	S. MICA	FLAT	RADIAL	A	.78	.88	.31	1321 9712
8200 PF	1	100	M. MYLAR	FLAT	AXIAL	A	.45	.14	.12	1147 1562
8200 PF	1	500	S. MICA	FLAT	AXIAL	A	.86	.86	.36	1341 3257
8200 PF	5	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1104 7958
8200 PF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4005

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
8200 PF	5	500	MICA	FLAT	AXIAL	A	.83	.83	.34	1265 2764
9000 PF	3	200	PLASTIC	TUB	AXIAL	A	.80	.20	-	1089 4301
.01 UF	2	50	POLYS	TUB	AXIAL	A	.82	.23	-	1476 0243
.01 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 4974
.01 UF	5	100	CERAMIC	TUB	AXIAL	A	.39	.17	-	1101 2663
.01 UF	5	200	M. MYLAR	TUB	AXIAL	A	.72	.23	-	1104 4013
.01 UF	10	100	CERAMIC	TUB	AXIAL	A	.50	.16	-	1100 9461
.01 UF	10	100	MYLAR	TUB	AXIAL	A	.39	.17	-	1101 2754
.01 UF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1105 6793
.01 UF	10	600	PA/PL	TUB	AXIAL	A	1.25	.38	-	1196 7197
.01 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.13	1119 7696
.01 UF	20	200	PA/PL	TUB	AXIAL	A	.60	.26	-	1341 3497
.01 UF	20	200	PA/PL	TUB	AXIAL	A	.75	.25	-	1316 7416
.01 UF	20	300	CERAMIC	TUB	AXIAL	A	1.06	.20	-	1324 0783
.01 UF	20	400	MYLAR	FLAT	AXIAL	A	.81	.31	-	1104 5739
.01 UF	20	400	PA/PL	TUB	AXIAL	A	1.12	.38	-	1265 0198
.01 UF	20	500	CERAMIC	DISK	RADIAL	A	-	.76	.16	1323 9769
.01 UF	20	1000	CERAMIC	DISK	RADIAL	A	-	.70	.16	1341 3208
.01 UF	-20/+80	50	CERAMIC	DISK	RADIAL	A	-	.34	.13	1321 9449
.012 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.16	-	1104 7974
.012 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4138
.014 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.16	-	1101 2671
.014 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4146
.015 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.16	-	1104 7933
.015 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4021
.015 UF	10	80	MYLAR	TUB	AXIAL	A	.47	.19	-	1127 6045
.015 UF	10	100	MYLAR	TUB	AXIAL	A	.69	.16	-	1101 2739
.015 UF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1105 6801
.015 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7704
.015 UF	20	200	CERAMIC	FLAT	RADIAL	A	.40	.40	-	1126 2946
.015 UF	20	200	PAPER	TUB	AXIAL	A	1.00	.31	-	1101 4586
.015 UF	20	600	PA/PL	TUB	AXIAL	A	1.28	.47	-	1265 0230
.018 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.45	.14	.12	1147 1570
.018 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5005
.018 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.16	-	1101 2689
.018 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4153
.02 UF	1	100	POLYS	TUB	AXIAL	A	.91	.33	-	1321 9597
.02 UF	10	100	CERAMIC	TUB	AXIAL	A	.50	.20	-	1100 9479
.02 UF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1105 6819
.02 UF	20	200	PA/PL	TUB	AXIAL	A	.70	.30	-	1341 3505
.02 UF	20	500	CERAMIC	DISK	RADIAL	A	-	.76	.16	1323 9777
.02 UF	20	100	-	DISK	RADIAL	A	.42	.12	-	1088 5895
.02 UF	-40/+60	150	CERAMIC	DISK	RADIAL	A	-	.38	.17	1321 9688
.022 UF	2	50	POLYS	TUB	AXIAL	A	.82	.26	-	1476 0342
.022 UF	2	300	S. MICA	FLAT	RADIAL	A	.88	.90	.39	1316 7408
.022 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5013
.022 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.16	-	1101 2697
.022 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4039
.022 UF	10	200	MYLAR	TUB	AXIAL	A	.75	.23	-	1105 6827
.022 UF	20	50	MYLAR	FLAT	RADIAL	A	.56	.63	.21	1316 7499
.022 UF	20	400	MYLAR	FLAT	AXIAL	A	.81	.44	.22	1104 5754
.022 UF	20	400	PAPER	TUB	AXIAL	A	1.25	.38	-	1101 4594
.022 UF	20	400	PA/PL	TUB	AXIAL	A	1.25	.44	-	1265 0255
.022 UF	20	600	M. MYLAR	FLAT	AXIAL	A	.69	.27	.16	1115 0877
.025 UF	20	100	CERAMIC	DISK	RADIAL	A	-	.50	.16	1102 0633
.027 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.18	-	1101 2705
.027 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4161
.033 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.45	.39	.12	1147 1554
.033 UF	1	200	M. MYLAR	TUB	AXIAL	A	.75	.23	-	1104 3866
.033 UF	5	100	PA/PL	TUB	AXIAL	A	.75	.25	-	1519 0184
.033 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.21	-	1104 4047
.033 UF	10	80	MYLAR	TUB	AXIAL	A	.47	.23	-	1127 6052
.033 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7720
.033 UF	20	100	ELECT	TUB	AXIAL	A	.29	.14	-	1146 7883
.033 UF	20	400	PA/PL	TUB	AXIAL	A	1.25	.44	-	1265 0289
.039 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5047

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
.039 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.22	—	1104 7990
.04 UF	5	200	M. MYLAR	TUB	AXIAL	A	.72	.23	—	1104 4054
.04 UF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.23	—	1105 6843
.04 UF	10	400	MYLAR	TUB	AXIAL	A	.90	.32	—	1117 8100
.04 UF	10	400	PA/PL	TUB	AXIAL	A	1.25	.44	—	1196 7304
.04 UF	20	200	PA/PL	TUB	AXIAL	A	.74	.34	—	1319 0731
.047 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.45	.29	.12	1147 1588
.047 UF	2	50	POLYS	TUB	AXIAL	A	.84	.35	—	1476 0250
.047 UF	5	100	MYLAR	TUB	AXIAL	A	.69	.22	—	1104 7883
.047 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.24	—	1104 4062
.047 UF	10	20	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5476
.047 UF	10	80	MYLAR	A	AXIAL	A	.59	.22	—	1127 6037
.047 UF	10	100	MYLAR	TUB	AXIAL	A	.69	.22	—	1101 2747
.047 UF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.24	—	1105 6835
.047 UF	10	200	PAPER	TUB	AXIAL	A	.83	.26	—	1510 8376
.047 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7738
.047 UF	20	100	MYLAR	FLAT	RADIAL	A	.80	.41	.18	1296 2452
.047 UF	20	200	PA/PL	TUB	AXIAL	C	.66	.25	—	1316 7580
.047 UF	20	200	PA/PL	TUB	AXIAL	A	1.28	.47	—	1265 0305
.047 UF	20	400	PA/PL	TUB	AXIAL	A	1.53	.53	—	1265 0313
.047 UF	20	600	PA/PL	TUB	AXIAL	A	1.50	.56	—	1265 0321
.05 UF	20	200	PA/PL	TUB	AXIAL	A	.72	.31	—	1316 7424
.05 UF	20	500	CERAMIC	DISK	RADIAL	A	—	.75	.22	1341 3349
.05 UF	20	1600	PA/PL	TUB	AXIAL	A	2.25	.81	—	1316 7598
.05 UF	-20/+80	500	CERAMIC	DISK	RADIAL	A	—	.68	.16	1111 3750
.05 UF	—	—	—	—	—	—	—	—	—	1318 8099
.056 UF	5	20	ELECT	TUB	AXIAL	A	.39	.17	—	1101 4735
.056 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5062
.056 UF	5	50	MYLAR	CYL	B	.72	.33	—	1105 4798	
.056 UF	2	200	MYLAR	TUB	AXIAL	A	1.25	.44	—	1316 7507
.062 UF	5	200	PA/PL	TUB	AXIAL	A	1.06	.38	—	1323 9785
.068 UF	2	50	POLYS	TUB	AXIAL	A	.84	.35	—	1476 0268
.068 UF	5	100	MYLAR	TUB	AXIAL	A	.81	.23	—	1104 7941
.068 UF	5	400	PA/PL	TUB	AXIAL	A	1.50	.56	—	1341 3414
.068 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7746
.068 UF	20	200	PA/PL	TUB	AXIAL	A	1.28	.47	—	1265 0339
.08 UF	—	400	PA/PL	TUB	SOLDER	A	1.31	.50	—	1030 5407
.08 UF	—	600	—	TUB	AXIAL	A	—	—	—	1033 5651
.082 UF	2	50	POLYS	TUB	AXIAL	A	.84	.35	—	1476 0276
.082 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5088
.082 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.58	.50	.13	1110 9071
.082 UF	3	100	MYLAR	TUB	AXIAL	A	1.69	.62	—	1322 0058
.082 UF	5	20	ELECT	TUB	AXIAL	A	.39	.17	—	1101 4834
.1 UF	1	200	M. MYLAR	TUB	AXIAL	A	.75	.28	—	1104 3858
.1 UF	2	50	POLYS	TUB	AXIAL	A	.84	.37	—	1476 0284
.1 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5096
.1 UF	5	100	PA/PL	TUB	AXIAL	A	.97	.34	—	1510 2767
.1 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.28	—	1104 4179
.1 UF	10	50	MYLAR	FLAT	AXIAL	A	.58	.70	.13	1104 2413
.1 UF	10	80	MYLAR	TUB	AXIAL	A	.53	.31	—	1127 6011
.1 UF	10	100	MYLAR	TUB	AXIAL	A	.81	.28	—	1101 2788
.1 UF	10	100	PA/PL	TUB	AXIAL	A	.94	.38	—	1321 9613
.1 UF	10	200	M. MYLAR	TUB	AXIAL	A	.75	.28	—	1105 6850
.1 UF	10	600	MYLAR	TUB	AXIAL	A	1.88	.63	—	1142 8125
.1 UF	20	20	ELECT	TUB	AXIAL	A	.39	.17	—	1105 6900
.1 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.13	1119 7753
.1 UF	20	25	CERAMIC	FLAT	RADIAL	A	.50	.50	.13	1196 6587
.1 UF	20	50	MYLAR	FLAT	RADIAL	A	.65	.53	.23	1322 0025
.1 UF	20	150	MYLAR	FLAT	AXIAL	A	.94	.49	.25	1109 9025
.1 UF	20	200	PA/PL	TUB	AXIAL	A	.91	.44	—	1321 9555
.1 UF	20	200	PA/PL	TUB	AXIAL	A	1.13	.33	—	1510 3153
.1 UF	20	200	PAPER	TUB	AXIAL	A	1.25	.44	—	1101 4602
.1 UE	20	200	PA/PL	TUB	AXIAL	A	1.53	.53	—	1265 0362
.1 UF	20	200	M. MYLAR	TUB	AXIAL	A	.81	.31	—	1111 1739
.1 UF	20	400	PA/PL	TUB	AXIAL	A	1.50	.56	—	1265 0370
.1 UF	20	600	MYLAR	FLAT	AXIAL	A	1.12	.56	—	1196 9847

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
.1 UF	20	600	PA/PL	TUB	AXIAL	A	2.03	.72	—	1265 0388
.1 UF	-10/+20	600	PA/PL	CYL	SCREW	A	1.19	.69	—	1181 4076
.1 UF	20	1000	PAPER	TUB	AXIAL	A	1.66	.69	—	1069 1012
.1 UF	-20/+80	200	CERAMIC	DISK	RADIAL	A	—	.88	.16	1322 0009
.1 UF	-20/+80	500	CERAMIC	DISK	RADIAL	A	—	.91	.22	1196 9912
.1 UF	-20/+80	500	CERAMIC	DISK	RADIAL	A	—	.91	.16	1321 9670
.1 UF	-20/+100	30	CERAMIC	FLAT	RADIAL	A	.50	.50	.18	1321 9464
.12 UF	5	5	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5104
.15 UF	3	100	MYLAR	TUB	AXIAL	A	.88	.40	—	1321 9951
.15 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5112
.15 UF	5	100	PA/PL	TUB	AXIAL	A	1.07	.56	—	1519 0267
.15 UF	10	100	M. MYLAR	FLAT	AXIAL	A	.69	.50	.125	1105 6421
.15 UF	10	200	MYLAR	TUB	AXIAL	A	.88	.33	—	1105 7148
.15 UF	10	285	PA/PL	RECT	—	A	1.75	1.25	—	1300 7323
.15 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7761
.15 UF	20	200	PA/PL	TUB	AXIAL	A	1.50	.56	—	1265 0396
.18 UF	2	200	MYLAR	TUB	AXIAL	A	1.50	.50	—	1316 7515
.18 UF	5	20	ELECT	TUB	AXIAL	A	.39	.17	—	1101 4792
.18 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5120
.18 UF	10	285	PA/PL	RECT	—	A	2.38	1.50	.62	1034 1519
.22 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5138
.22 UF	5	100	PA/PL	FLAT	AXIAL	A	.80	.37	.34	1522 7572
.22 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.36	—	1104 4070
.22 UF	10	50	MYLAR	FLAT	AXIAL	A	.75	.70	.13	1104 2454
.22 UF	10	100	M. MYLAR	FLAT	AXIAL	A	.84	.50	.12	1105 6405
.22 UF	10	100	PA/PL	TUB	AXIAL	A	1.19	.46	—	1321 9605
.22 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7779
.22 UF	20	50	PA/PL	TUB	—	A	1.19	.42	—	1341 3539
.22 UF	20	100	PA/PL	TUB	AXIAL	A	.91	.33	—	1503 9498
.22 UF	20	200	M. MYLAR	TUB	AXIAL	A	1.19	.31	—	1111 1713
.22 UF	20	200	PA/PL	TUB	AXIAL	A	1.88	.62	—	1265 0420
.22 UF	20	400	MYLAR	FLAT	RADIAL	A	1.38	.78	.42	1105 8815
.22 UF	20	400	PA/PL	TUB	AXIAL	A	2.00	.62	—	1265 0438
.22 UF	20	600	PA/PL	TUB	AXIAL	A	1.38	.56	—	1009 5263
.22 UF	20	600	PA/PL	TUB	AXIAL	A	2.25	.75	—	1265 0446
.22 UF	—	600	PAPER	TUB	SOLDER	A	1.38	.56	—	1341 3166
.25 UF	10	100	MYLAR	TUB	AXIAL	A	1.25	.44	—	1002 0048
.25 UF	10	400	PAPER	RECT	SCREW	B	1.81	1.00	—	1105 9839
.25 UF	20	200	PA/PL	TUB	AXIAL	A	.88	.50	—	1316 7432
.25 UF	20	300	PA/PL	TUB	AXIAL	A	.91	.56	—	1526 4161
.25 UF	20	600	PA/PL	TUB	AXIAL	A	1.34	.69	—	1344 6844
.27 UF	5	35	ELECT	TUB	RADIAL	A	.39	.17	—	1101 5146
.33 UF	1	100	MYLAR	FLAT	AXIAL	A	.84	.63	.13	1110 9030
.33 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5153
.33 UF	5	50	MYLAR	CYL	SOLDER	B	1.31	.40	—	1117 9611
.33 UF	5	200	M. MYLAR	TUB	AXIAL	A	.75	.39	—	1104 4088
.33 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.24	1119 7787
.33 UF	20	25	CERAMIC	FLAT	RADIAL	A	.50	.50	.13	1196 6595
.33 UF	20	50	MYLAR	FLAT	RADIAL	A	.81	.75	.31	1105 2578
.33 UF	20	100	MYLAR	FLAT	RADIAL	A	.75	.87	.47	1111 4758
.36 UF	5	50	POLY	TUB	AXIAL	A	1.12	.37	—	1477 3477
.39 UF	2	200	MYLAR	TUB	AXIAL	A	1.50	.50	—	1316 7523
.39 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5161
.39 UF	5	100	PA/PL	TUB	AXIAL	A	1.22	.65	—	1319 0772
.39 UF	10	50	PLASTIC	TUB	AXIAL	A	1.26	.53	—	1071 3964
.47 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.81	.75	.12	1147 1547
.47 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5179
.47 UF	5	100	PA/PL	FLAT	AXIAL	A	1.25	.44	.35	1519 0226
.47 UF	10	20	ELECT	TUB	AXIAL	A	.39	.17	—	1101 5484
.47 UF	20	25	CERAMIC	FLAT	AXIAL	A	.39	.20	.12	1119 7795
.47 UF	20	25	CERAMIC	FLAT	RADIAL	A	.50	.50	.13	1196 6561
.47 UF	20	35	ELECT	TUB	AXIAL	A	.43	1.50	—	1267 9015
.47 UF	20	50	PAPER	TUB	AXIAL	A	1.25	.34	—	1510 7998
.47 UF	20	100	PA/PL	TUB	AXIAL	A	1.38	.41	—	1321 9514
.47 UF	20	200	MYLAR	TUB	AXIAL	A	1.19	.41	—	1111 1747
.47 UF	20	200	PA/PL	TUB	AXIAL	A	1.88	.62	—	1265 0487

CAPACITORS CONTINUED ON NEXT PAGE



## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
.47 UF	20	400	MYLAR	FLAT	AXIAL	A	1.88	.88	.50	1104 5846
.47 UF	20	400	PA/PL	TUB	AXIAL	A	2.25	.75	-	1265 0495
.47 UF	20	400	PAPER	CYL	SOLDER	B	1.81	.56	-	1104 9228
.47 UF	20	600	MYLAR	FLAT	AXIAL	A	1.38	.59	.42	1115 0851
.47 UF	20	600	MYLAR	FLAT	AXIAL	A	2.12	.75	.59	1196 9854
.47 UF	20	600	PA/PL	TUB	AXIAL	A	2.12	1.00	-	1265 0503
.5 UF	10	400	PA/PL	TUB	AXIAL	A	2.25	.78	-	1321 9795
.5 UF	-10/+20	600	PA/PL	RECT	AXIAL	A	1.00	1.81	1.00	1324 0171
.5 UF	-10/+20	1000	PAPER (AC)	RECT	STUD	A	1.81	1.06	1.88	1009 0629
.5 UF	-15/+20	50	ELECT	TUB	AXIAL	A	.25	.08	-	1104 5648
.5 UF	20	200	PA/PL	TUB	AXIAL	A	1.25	.50	-	1316 7440
.5 UF	-	400	PA/PL	TUB	AXIAL	A	1.84	.62	-	1101 0006
.56 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.96	1.06	.13	1110 9089
.56 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5187
.67 UF	6	660	PAPER (AC)	OVAL	SOLDER	A	1.62	2.16	1.31	1064 1249
.68 UF	1	100	M. MYLAR	FLAT	AXIAL	A	.96	1.06	.13	1110 9048
.68 UF	3	100	MYLAR	TUB	AXIAL	A	1.38	.56	-	1321 9910
.68 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5195
.68 UF	5	50	MYLAR	CYL	SCREW	B	1.09	.58	-	1196 9896
.68 UF	5	100	PAPER (AC)	TUB	AXIAL	A	1.07	.56	-	1519 0275
.68 UF	10	100	M. MYLAR	FLAT	AXIAL	B	.96	1.06	.12	1105 6413
.68 UF	20	35	ELECT	TUB	AXIAL	A	.31	.15	-	1088 4138
.68 UF	20	150	MYLAR	FLAT	AXIAL	A	1.69	.72	.41	1109 9033
.68 UF	20	600	PA/PL	CYL	SCREW	B	1.81	1.00	-	1196 9862
.82 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5203
.82 UF	10	50	PLASTIC	TUB	AXIAL	A	1.60	.61	-	1071 3972
.87 UF	6	660	PAPER (AC)	OVAL	SOLDER	A	2.00	2.16	1.31	1064 1256
1 UF	1	100	POLYS	TUB	AXIAL	A	2.00	8.15	-	1322 0066
1 UF	3	100	POLYS	TUB	AXIAL	A	1.59	.56	-	1321 9928
1 UF	5	20	ELECT	TUB	AXIAL	A	.39	.17	-	1101 4784
1 UF	5	35	ELECT	TUB	AXIAL	A	.39	.17	-	1101 5211
1 UF	5	100	PA/PL	TUB	RADIAL	A	1.07	.46	.33	1507 7134
1 UF	10	35	ELECT	TUB	AXIAL	A	3.53	1.51	-	1101 5765
1 UF	10	600	PA/PL	RECT	AXIAL	A	2.75	1.31	.77	1104 8089
1 UF	20	25	CERAMIC	FLAT	RADIAL	A	.50	.50	.13	1196 6579
1 UF	20	35	ELECT	TUB	AXIAL	A	.43	.15	-	1267 9031
1 UF	20	100	PA/PL	TUB	AXIAL	A	1.38	.56	-	1321 9522
1 UF	20	200	M. MYLAR	TUB	AXIAL	A	1.19	.56	-	1111 1721
1 UF	20	200	PA/PL	TUB	AXIAL	A	1.25	.62	-	1321 9548
1 UF	20	400	M. MYLAR	TUB	AXIAL	A	1.37	.62	-	1104 6182
1 UF	20	400	MYLAR	FLAT	AXIAL	A	2.44	1.00	.56	1104 5879
1 UF	20	600	M. MYLAR	FLAT	AXIAL	A	1.88	.69	.45	1115 0869
1 UF	-10/+75	50	ELECT	TUB	AXIAL	A	.56	.22	-	1088 5499
1 UF	-15/+20	50	ELECT	TUB	AXIAL	A	.25	.08	-	1104 5655
1 UF	-20/+30	600	PA/PL	TUB	AXIAL	A	2.12	.72	-	1101 6094
1 UF	-10/+150	25	ELECT	TUB	AXIAL	A	.56	.19	-	1101 3687
1 UF	-	250	ELECT	TUB	AXIAL	A	1.38	.69	-	1311 8666
1.2 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5229
1.2 UF	5	50	PLASTIC	TUB	AXIAL	A	1.63	.72	-	1071 3980
1.2 UF	20	20	ELECT	TUB	AXIAL	A	.39	.17	-	1105 6918
1.5 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5237
1.8 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5245
2 UF	1	100	MYLAR	RECT	AXIAL	A	2.00	2.00	1.75	1321 9936
2 UF	3	100	MYLAR	TUB	AXIAL	A	2.06	.69	-	1321 9944
2 UF	3	660	PAPER (AC)	CYL	SOLDER	A	3.75	1.75	-	1111 3727
2 UF	5	730	PAPER	OVAL	SCREW	A	3.81	2.16	1.31	1104 3536
2 UF	10	330	PAPER (AC)	OVAL	Q.C.	A	1.68	2.16	-	1478 2569
2 UF	20	50	PA/PL	TUB	AXIAL	A	1.69	6.72	-	1341 3547
2 UF	20	200	PA/PL	TUB	AXIAL	A	1.78	.70	-	1503 9506
2 UF	20	236	PAPER (AC)	RECT	SOLDER	A	2.25	2.16	1.31	1008 2022
2 UF	20	370	PAPER (AC)	RECT	-	A	3.00	2.16	1.31	1009 0710
2 UF	20	400	PA/PL	TUB	AXIAL	A	2.00	.86	-	1529 7435
2 UF	-10/+20	600	PA/PL	RECT	AXIAL	A	2.00	1.13	-	1324 0189
2 UF	-15/+75	150	ELECT	TUB	AXIAL	A	1.50	.38	-	1510 2825
2 UF	-10/+100	15	-	TUB	AXIAL	A	.75	.25	-	1089 4582
2 UF	-10/+150	150	ELECT	TUB	AXIAL	A	.81	.38	-	1101 4164

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
2.2 UF	5	20	ELECT	TUB	AXIAL	A	.39	.17	-	1101 4800
2.2 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5252
2.2 UF	20	35	ELECT	TUB	AXIAL	A	.61	.20	-	1267 9072
2.5 UF	-15/+20	60	ELECT	TUB	AXIAL	A	.31	.12	-	1102 6101
2.5 UF	-15/+75	75	ELECT	TUB	AXIAL	A	.31	.12	-	1101 5906
2.6 UF	6	330	PAPER (AC)	RECT	SOLDER	A	2.87	2.16	1.31	1001 6418
2.7 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5260
3 UF	10	600	PAPER (AC)	RECT	-	A	4.75	2.16	1.34	1500 8808
3 UF	10	660	PAPER (AC)	OVAL	Q.C.	A	4.18	2.16	1.31	1080 7238
3 UF	20	75	ELECT	TUB	AXIAL	A	.56	.20	-	1127 9122
3 UF	20	440	PAPER (AC)	RECT	SOLDER	A	3.25	2.16	1.31	1009 0637
3 UF	-15/+20	50	ELECT	TUB	AXIAL	A	.31	.12	-	1104 5598
3 UF	-15/+75	50	ELECT	TUB	AXIAL	A	.31	.12	-	1101 5666
3.3 UF	5	20	ELECT	TUB	AXIAL	A	.57	.22	-	1101 4859
3.3 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5278
3.5 UF	10	370	PAPER (AC)	OVAL	Q.C.	A	2.06	2.16	1.31	1064 9192
3.9 UF	10	35	ELECT	TUB	AXIAL	A	.55	.20	-	1316 7549
4 UF	3	660	PAPER (AC)	CYL	SOLDER	A	4.75	2.00	-	1111 3743
4 UF	5	730	PAPER	OVAL	SCREW	A	3.87	2.91	1.91	1104 3544
4 UF	6	236	PAPER (AC)	OVAL	Q.C.	A	2.06	2.16	1.31	1071 6454
4 UF	10	550	PAPER (AC)	RECT	-	A	2.68	2.91	1.91	1520 0892
4 UF	10	50	M. PLASTIC	TUB	AXIAL	A	1.83	.62	-	1071 3675
4 UF	10	330	PAPER (AC)	OVAL	Q.C.	A	2.32	2.16	1.31	1900 0942
4 UF	10	366-410	PAPER (AC)	OVAL	Q.C.	A	2.06	2.16	1.31	2006 1198
4 UF	20	50	PA/PL	TUB	AXIAL	A	1.81	7.80	-	1341 3521
4 UF	-10/+50	450	ELECT	TUB	AXIAL	A	1.81	.69	-	1140 7046
4 UF	-10/+75	200	ELECT	TUB	AXIAL	A	1.31	.56	-	1140 6923
4 UF	-10/+100	350	ELECT	TUB	AXIAL	C	1.62	.69	-	1341 3182
4 UF	-10/+100	450	ELECT	TUB	AXIAL	A	1.75	.75	-	1311 8906
4 UF	-10/+150	150	ELECT	TUB	AXIAL	A	.75	.45	-	1101 4131
4.3 UF	5	2100	PAPER (AC)	RECT	SCREW	A	9.62	4.56	3.75	1101 3356
4.5 UF	-	600	PA/PL	RECT	SOLDER	A	3.50	2.50	1.19	1341 3281
4.7 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5302
4.7 UF	20	50	CERAMIC	FLAT	RADIAL	A	.50	.20	-	1907 8591
5 UF	10	165	PAPER (AC)	OVAL	SOLDER	A	2.38	2.16	1.31	1505 6369
5 UF	20	200	PAPER (AC)	TUB	AXIAL	A	2.56	1.00	-	1506 3290
5 UF	20	236	PAPER (AC)	RECT	SOLDER	A	2.50	2.16	1.31	1008 2477
5 UF	20	370	PAPER (AC)	RECT	SOLDER	A	3.62	2.16	1.31	1009 1536
5 UF	-10/+20	330	PAPER (AC)	CYL	-	A	4.00	2.50	-	1322 8390
5 UF	-10/+75	50	ELECT	TUB	AXIAL	A	.56	.28	-	1088 5507
5 UF	-10/+150	25	ELECT	TUB	AXIAL	A	.81	.35	-	1321 9993
5 UF	-10/+150	50	ELECT	TUB	AXIAL	A	.88	.38	-	1316 7465
5 UF	-	660	PAPER (AC)	RECT	SOLDER	A	4.12	2.87	2.12	1323 8225
5 UF	-	660	ELECT (AC)	-	-	-	-	-	-	1527 1059
5.6 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5310
6 UF	10	300	POLY (AC)	OVAL	SOLDER	A	3.44	2.16	1.31	1119 7217
6 UF	10	330 AC 600 DC	POLY/OIL	OVAL	SCREW	A	4.50	2.69	1.56	1907 7478
6 UF	-15/+20	25	ELECT	TUB	AXIAL	A	.31	.12	-	1196 9870
6 UF	-15/+75	25	ELECT	TUB	AXIAL	A	.31	.12	-	1117 6385
6 UF	-10/+100	12	ELECT	TUB	AXIAL	A	.81	.38	-	1101 3984
6 UF	-10/+100	50	ELECT	TUB	AXIAL	A	.81	.37	-	1101 3836
6 UF	-	660	ELECT (AC)	OVAL	-	A	-	-	-	1527 6694
6.8 UF	5	35	ELECT	TUB	AXIAL	A	.57	.22	-	1101 5328
6.8 UF	20	35	ELECT	TUB	AXIAL	A	.61	.20	-	1267 9155
7 UF	6	660	PAPER (AC)	OVAL	Q.C.	A	4.75	2.70	1.56	1471 5593
7 UF	10	236	PAPER (AC)	OVAL	SOLDER	A	3.75	2.16	1.31	1505 7714
7 UF	-	660	ELECT (AC)	-	-	-	-	-	-	1527 7395
7 UF	6	660	ELECT (AC)	OVAL	Q.C.	A	4.75	2.70	1.56	1080 6388
7.5 UF	10	330	PAPER (AC)	OVAL	Q.C.	A	4.40	2.16	1.32	1472 3936
8 UF	5	730	PAPER (AC)	RECT	SCREW	A	3.75	4.56	2.84	1101 3364
8 UF	10	660	PAPER (AC)	OVAL	Q.C.	A	5.25	2.91	1.91	1527 1018
8 UF	-10/+75	250	ELECT	TUB	AXIAL	A	1.81	.56	-	1140 6998
8 UF	-10/+100	125	ELECT	TUB	AXIAL	A	1.09	.43	-	1101 3430
8 UF	-10/+100	250	ELECT	TUB	AXIAL	A	1.66	.62	-	1311 8690

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
8 UF	-10/+100	350	ELECT	TUB	AXIAL	C	1.88	.69	-	1341 3216
8 UF	-10/+150	150	ELECT	TUB	AXIAL	A	1.25	.45	-	1101 4149
8 UF	-	250	ELECT	TUB	RADIAL	A	1.81	.56	-	1343 1465
8 UF	6	660	ELECT (AC)	OVAL	Q.C.	A	4.75	2.69	1.56	1080 5828
8 UF	6	660	PA/OIL (AC)	OVAL	Q.C.	A	4.50	2.91	1.91	1635 3187
9 UF	-	660	PAPER (AC)	RECT	STUD	A	7.00	2.94	2.25	1323 8241
9.1 UF	5	35	ELECT	TUB	AXIAL	A	.79	.31	-	1101 5435
10 UF	5	35	ELECT	TUB	AXIAL	A	.80	.33	-	1101 5344
10 UF	5	730	PAPER (AC)	RECT	SCREW	A	4.19	4.56	2.84	1101 3372
10 UF	6	660	ELECT (AC)	OVAL	SOLDER	A	6.25	2.91	1.91	1064 6198
10 UF	10	25	ELECT	TUB	AXIAL	A	.27	.14	-	1900 1643
10 UF	10	100	PA/PL	RECT	AXIAL	A	2.20	1.00	1.40	1080 5166
10 UF	10	370	PAPER (AC)	OVAL	SOLDER	A	3.50	3.00	2.00	1147 1240
10 UF	20	20	ELECT	TUB	AXIAL	A	.61	.20	-	1267 9163
10 UF	20	35	ELECT	TUB	AXIAL	A	.72	.29	-	1267 9171
10 UF	-15/+20	10	ELECT	TUB	AXIAL	A	.31	.12	-	1101 5948
10 UF	-10/+50	100	ELECT	TUB	AXIAL	A	.87	.42	-	1146 8287
10 UF	-10/+50	450	ELECT	TUB	AXIAL	A	1.88	.88	-	1323 8803
10 UF	-10/+75	25	ELECT	TUB	AXIAL	A	.68	.28	-	1088 5515
10 UF	-10/+75	100	ELECT	TUB	AXIAL	A	1.31	.56	-	1119 7431
10 UF	-10/+75	50	ELECT	TUB	AXIAL	A	.81	.42	-	1101 3851
10 UF	-10/+100	25	ELECT	TUB	AXIAL	A	.75	.31	-	1101 3539
10 UF	-10/+100	50	ELECT	TUB	AXIAL	A	1.06	.31	-	1321 9431
10 UF	-10/+100	150	ELECT	TUB	AXIAL	A	1.89	.47	-	1323 8209
10 UF	-10/+100	150	ELECT	TUB	AXIAL	C	1.38	.69	-	1341 3158
10 UF	-10/+100	250	ELECT	TUB	AXIAL	A	1.88	.75	-	1311 8682
10 UF	-10/+150	25	ELECT	TUB	AXIAL	A	.88	.38	-	1316 7481
10 UF	-10/+150	150	ELECT	TUB	AXIAL	A	1.38	.50	-	1101 4156
11 UF	5	35	ELECT	TUB	AXIAL	A	.79	.31	-	1101 5443
12 UF	5	20	ELECT	TUB	AXIAL	A	.57	.22	-	1101 4743
12 UF	5	35	ELECT	TUB	AXIAL	A	.80	.33	-	1101 5351
12 UF	5	730	PAPER (AC)	RECT	SCREW	A	5.19	4.56	2.84	1101 3380
12 UF	6	660	PAPER (AC)	OVAL	Q.C.	A	7.25	2.91	1.91	1089 6132
12 UF	10	330	PAPER (AC)	RECT	-	A	-	5.19	2.50	1321 9415
12 UF	10	370	PAPER (AC)	RECT	SOLDER	A	3.50	2.91	2.00	1500 8535
13 UF	5	35	ELECT	TUB	AXIAL	A	.79	.31	-	1101 5450
15 UF	5	20	ELECT	TUB	AXIAL	A	.57	.22	-	1101 4750
15 UF	10	236	PAPER (AC)	RECT	-	A	3.18	2.91	1.91	1519 8005
15 UF	10	-	PA/PL	RECT	SOLDER	A	1.75	1.25	.63	1341 3356
15 UF	20	20	ELECT	TUB	AXIAL	A	.51	.19	-	1267 9189
15 UF	20	35	ELECT	TUB	AXIAL	A	.75	.31	-	1267 9197
15 UF	20	95	PLASTIC (AC)	RECT	SOLDER	A	2.00	2.00	1.25	1162 0697
15 UF	-15/+20	20	ELECT	TUB	AXIAL	A	.44	.12	-	1196 9789
15 UF	-10/+150	25	ELECT	TUB	AXIAL	A	.79	.31	-	1101 3695
15 UF	-10/+150	100	ELECT	TUB	AXIAL	A	1.50	.50	-	1063 9342
15 UF	5	35	ELECT	TUB	AXIAL	A	.80	.39	-	1101 5369
16 UF	2	95	PLASTIC (AC)	RECT	SOLDER	A	1.25	2.00	2.00	1111 1812
16 UF	-10/+100	150	ELECT	TUB	AXIAL	A	1.50	.69	-	1341 3471
16 UF	-	150	ELECT	TUB	SOLDER	A	1.50	.69	-	1341 3406
16 UF	-	660	PAPER (AC)	RECT	STUD	A	5.69	5.78	2.25	1323 7383
16 UF	-	660	PAPER (AC)	RECT	AXIAL	A	5.69	5.78	2.25	1323 8233
18 UF	5	20	ELECT	TUB	AXIAL	A	.80	.33	-	1101 4768
18 UF	5	35	ELECT	TUB	AXIAL	A	.80	.33	-	1101 5377
18 UF	6	660	PA/OIL (AC)	OVAL	Q.C.	A	7.25	3.66	1.97	1900 0785
19 UF	2	95	PLASTIC (AC)	RECT	SOLDER	A	1.25	2.00	2.00	1111 1820
20 UF	-15/+20	15	ELECT	TUB	AXIAL	A	.44	.12	-	1101 5989
20 UF	-15/+20	60	ELECT	TUB	AXIAL	A	.66	.15	-	1102 6127
20 UF	-15/+75	60	ELECT	TUB	AXIAL	A	.66	.15	-	1101 5922
20 UF	-10/+75	100	ELECT	TUB	AXIAL	A	1.56	.44	-	1102 5491
20 UF	-20/+80	250	ELECT	TUB	AXIAL	A	1.81	.75	-	1105 0499
20 UF	-10/+100	150	ELECT	TUB	AXIAL	A	1.69	.81	-	1324 0122
20 UF	-10/+150	50	ELECT	TUB	AXIAL	A	1.00	.50	-	1316 7457
20 UF	-	150	ELECT	TUB	AXIAL	A	1.81	.62	-	1341 3398
20 UF	-	200	ELECT	TUB	AXIAL	A	2.22	.81	-	1341 7795
20 UF	-	250	ELECT	TUB	-	A	1.69	.69	-	1105 2081
20 UF	-	450	ELECT	TUB	AXIAL	A	2.19	.75	-	1105 7619

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
22 UF	5	15	ELECT	TUB	AXIAL	A	.70	.25	-	1082 1197
22 UF	5	35	ELECT	TUB	AXIAL	A	.80	.39	-	1101 5385
22 UF	20	15	ELECT	TUB	AXIAL	A	.61	.20	-	1267 9205
22 UF	20	35	ELECT	TUB	AXIAL	A	.83	.31	-	1267 9213
25 UF	-15/+20	50	ELECT	TUB	AXIAL	A	.66	.15	-	1104 5614
25 UF	-10/+100	25	ELECT	TUB	AXIAL	A	1.31	.56	-	1140 6824
27 UF	5	35	ELECT	TUB	AXIAL	A	.90	.39	-	1101 5393
27.5 UF	10	330	ELECT (AC)	OVAL	SOLDER	A	3.75	1.22	-	1521 6088
30 UF	-15/+20	6	ELECT	TUB	AXIAL	A	.44	.12	-	1101 6029
30 UF	-10/+100	300	ELECT	TUB	AXIAL	A	2.00	.94	-	1341 3612
33 UF	5	20	ELECT	TUB	AXIAL	A	.80	.33	-	1101 4818
33 UF	20	10	ELECT	TUB	AXIAL	A	.61	.20	-	1267 9221
33 UF	20	35	ELECT	TUB	AXIAL	A	.85	.37	-	1267 9247
33 UF	-15/+75	15	ELECT	TUB	AXIAL	A	.55	.20	-	1143 0949
35 UF	-10/+150	50	ELECT	TUB	AXIAL	A	1.44	.50	-	1316 7473
39 UF	5	20	ELECT	TUB	AXIAL	A	.80	.33	-	1101 4776
39 UF	5	35	ELECT	TUB	AXIAL	A	.90	.39	-	1101 5419
40 UF	20	75	ELECT	TUB	AXIAL	A	.56	.20	-	1127 9171
40 UF	-15/+20	30	ELECT	TUB	AXIAL	A	.66	.15	-	1101 6078
40 UF	-10/+50	16	ELECT	TUB	AXIAL	A	.71	.25	-	1089 6140
40 UF	-10/+50	250	ELECT	CYL	SOLDER	E	4.00	1.38	-	1196 9938
40 UF	-10/+75	250	ELECT	TUB	AXIAL	A	1.81	.94	-	1140 6980
40 UF	-15/+75	15	ELECT	TUB	AXIAL	A	1.38	.31	-	1321 9902
40 UF	-15/+75	30	ELECT	TUB	AXIAL	A	.66	.15	-	1101 5880
45 UF	-10/+20	-	-	RECT	-	D	2.00	1.75	.56	1027 1658
47 UF	5	20	ELECT	TUB	AXIAL	A	.71	.30	-	1101 4875
47 UF	5	35	ELECT	TUB	AXIAL	A	.90	.39	-	1101 5427
47 UF	20	20	ELECT	TUB	AXIAL	A	.83	.31	-	1267 9262
47 UF	20	35	ELECT	TUB	AXIAL	A	.90	.39	-	1267 9270
47 UF	20	600	-	-	-	-	-	-	-	1065 0503
50 UF	-15/+20	20	ELECT	TUB	AXIAL	A	.66	.15	-	1196 9797
50 UF	-15/+20	60	ELECT	TUB	AXIAL	A	.88	.23	-	1102 6135
50 UF	-10/+50	6.4	ELECT	TUB	AXIAL	A	.39	.23	-	1088 5762
50 UF	-10/+75	200	ELECT	TUB	AXIAL	A	1.81	.81	-	1140 6949
50 UF	-10/+100	25	ELECT	TUB	AXIAL	A	.94	.38	-	1321 9423
50 UF	-10/+100	25	ELECT	TUB	AXIAL	A	1.81	.56	-	1140 6832
50 UF	-10/+100	50	ELECT	TUB	AXIAL	A	1.06	.49	-	1101 3844
50 UF	-20/+100	150	ELECT	TUB	AXIAL	A	1.62	.75	-	1321 9530
50 UF	-10/+150	10	ELECT	TUB	AXIAL	A	.88	.38	-	1119 5294
50 UF	-10/+150	50	ELECT	TUB	AXIAL	A	1.69	.81	-	1324 0114
50 UF	-	150	ELECT	TUB	AXIAL	A	1.88	.81	-	1111 6753
56 UF	5	20	ELECT	TUB	AXIAL	A	.90	.39	-	1101 4842
58.5 UF	10	220	ELECT (AC)	CYL	SOLDER	A	3.75	1.22	-	1521 6070
60 UF	20	50	ELECT	TUB	AXIAL	A	.77	.38	-	1008 2329
60/60 UF	-10/+30	250	ELECT	CYL	SOLDER	E	3.50	1.39	-	1104 7644
60 UF	-15/+75	50	ELECT	TUB	AXIAL	A	.88	.23	-	1101 5690
60 UF	-10/+100	250	ELECT	TUB	AXIAL	A	2.38	1.06	-	1341 3455
60 UF	-	350	ELECT	TUB	SOLDER	A	2.25	1.06	-	1341 3372
68 UF	20	15	ELECT	TUB	AXIAL	A	.80	.33	-	1267 9312
68 UF	5	35	ELECT	TUB	AXIAL	A	.90	.39	-	1101 5468
88-108 UF	30	220	(AC)	CYL	Q.C.	A	4.75	2.06	-	1064 9200
90 UF	10	50	ELECT	TUB	AXIAL	A	.73	.28	-	1051 4404
100 UF	-15/+20	10	ELECT	TUB	AXIAL	A	.88	.23	-	1101 5955
100 UF	-15/+20	30	ELECT	TUB	AXIAL	A	.88	.23	-	1101 6086
100 UF	-10/+50	300	ELECT	CYL	SCREW	A	2.50	1.44	-	1110 2100
100 UF	-10/+75	250	ELECT	CYL	SCREW	A	2.50	1.44	-	1101 3240
100 UF	-15/+75	30	ELECT	TUB	AXIAL	A	.88	.23	-	1101 5898
100 UF	-10/+100	3	ELECT	TUB	AXIAL	A	.88	.44	-	1341 3554
100 UF	-10/+100	25	ELECT	TUB	AXIAL	A	1.56	.44	-	1101 3547
100 UF	-10/+100	50	ELECT	CYL	SOLDER	D	2.06	1.00	-	1321 9456
100 UF	-10/+150	25	ELECT	TUB	AXIAL	A	1.56	.81	-	1321 9787
100 UF	-10/+150	50	ELECT	TUB	AXIAL	C	1.63	.56	-	1102 5590
100 UF	-	50	ELECT	TUB	AXIAL	A	1.75	.69	-	1002 0055
119 UF	10	110	ELECT (AC)	CYL	SOLDER	A	2.75	1.44	-	1193 0690
120 UF	10	10	ELECT	TUB	AXIAL	A	.83	.31	-	1064 4516
120 UF	-20/+20	25	ELECT	TUB	AXIAL	A	1.56	.42	-	1064 4474

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
130-156 UF	-	110	PHENO (AC)	CYL	Q.C.	A	2.38	2.06	-	1126 1690
140 UF	-15/+75	60	ELECT	TUB	AXIAL	A	1.17	.42	-	1064 6461
150 UF	20	15	ELECT	TUB	AXIAL	A	.90	.40	-	1267 9387
150 UF	20	15	ELECT	TUB	AXIAL	A	1.04	.40	-	1322 0017
150 UF	-10/+75	200	ELECT	TUB	AXIAL	A	2.81	.94	-	1140 6931
150 UF	-15/+75	30	ELECT	TUB	AXIAL	A	.77	.38	-	1088 5531
150 UF	-10/+100	150	ELECT	TUB	AXIAL	A	2.38	1.12	-	1341 3380
150 UF	-10/+100	150	ELECT	CYL	AXIAL	A	2.75	1.38	-	1002 7423
150 UF	-20/+100	150	ELECT	TUB	AXIAL	A	2.69	1.06	-	1310 5770
160 UF	-10/+50	40	ELECT	TUB	AXIAL	A	1.18	.49	-	1089 6157
175 UF	-15/+20	15	ELECT	TUB	AXIAL	A	.88	.23	-	1101 6003
177 UF	9	110	ELECT (AC)	CYL	Q.C.	A	2.38	2.06	-	1111 5896
180 UF	20	6	ELECT	TUB	AXIAL	A	.80	.33	-	1105 6694
200 UF	-10/+50	200	ELECT	CYL	SCREW	A	2.14	1.38	-	1109 8910
200 UF	-10/+50	400	ELECT	CYL	SCREW	A	.45	.18	-	1321 9852
200 UF	-10/+75	25	ELECT	TUB	AXIAL	A	1.56	.44	-	1101 3554
200 UF	-10/+100	150	ELECT	TUB	AXIAL	A	3.19	1.06	-	1341 3489
200 UF	-10/+100	200	ELECT	TUB	AXIAL	A	3.50	1.50	-	1341 3307
200 UF		6	ELECT	TUB	AXIAL	A	.85	.39	-	1080 6370
220 UF	20	10	ELECT	TUB	AXIAL	A	.76	.35	-	1267 9395
220 UF	20	15	ELECT	TUB	AXIAL	A	1.56	.41	-	1064 5893
220 UF	-20/+30	15	ELECT	TUB	AXIAL	A	1.56	.42	-	1064 4482
250 UF	-15/+20	10	ELECT	TUB	AXIAL	A	.88	.23	-	1101 5963
250 UF	-15/+75	15	ELECT	TUB	AXIAL	A	2.69	.42	-	1321 9472
250 UF	-10/+75	30	ELECT	TUB	AXIAL	A	2.25	.56	-	1064 6214
250 UF	-10/+100	6	ELECT	TUB	AXIAL	A	1.44	.50	-	1341 3588
250 UF	-10/+100	25	ELECT	TUB	AXIAL	A	1.50	.60	-	1081 7112
250 UF	-10/+150	50	ELECT	TUB	AXIAL	C	1.63	.81	-	1102 5608
250 UF	-10/+150	50	ELECT	TUB	AXIAL	A	2.00	1.06	-	1321 9779
250 UF	-10/+100	100	ELECT	CYL	SOLDER	A	2.00	1.00	-	1064 8814
300 UF	-10/+50	300	ELECT	CYL	SCREW	A	4.50	1.44	-	1110 2118
300 UF	-10/+50	450	ELECT	CYL	SCREW	A	4.38	2.06	-	1341 3315
300 UF	-	150	ELECT	CYL	AXIAL	A	3.88	1.38	-	1341 3331
300 UF	-	450	ELECT	CYL	W. WRAP	A	4.38	2.06	-	1324 0247
300 UF	-	450	ELECT	CYL	W. WRAP	A	4.38	2.06	-	1324 0288
330 UF	20	6	ELECT	TUB	AXIAL	A	.76	.35	-	1267 9403
330 UF	-20/+30	6	ELECT	TUB	AXIAL	A	1.56	.42	-	1064 4490
374 UF	10	110	ELECT (AC)	CYL	SOLDER	A	2.05	3.38	-	1341 3430
375 UF	-10/+100	150	ELECT	CYL	SCREW	A	3.00	1.44	-	1002 0063
390 UF	-10/+75	12	ELECT	TUB	AXIAL	A	1.62	.46	-	1147 2008
400 UF	-10/+30	150	ELECT	CYL	SCREW	A	2.64	1.38	-	1105 4343
400 UF	-10/+100	25	ELECT	CYL	SOLDER	D	2.50	1.00	-	1321 9662
400 UF	-10/+150	50	ELECT	CYL	SOLDER	D	2.62	1.44	-	1521 9215
440 UF	10	110	ELECT (AC)	CYL	SOLDER	A	2.05	3.38	-	1341 3422
440 UF	-10/+75	30	ELECT	TUB	AXIAL	A	1.25	.94	-	1105 9987
450 UF	-10/+50	250	ELECT	CYL	SCREW	A	3.50	2.06	-	1161 0490
450 UF	-10/+100	50	ELECT	CYL	SCREW	A	2.50	1.44	-	1101 3208
500 UF	-10/+75	25	ELECT	TUB	AXIAL	A	1.25	.94	-	1142 9156
500 UF	-10/+75	30	ELECT	TUB	AXIAL	A	2.25	.72	-	1064 9580
500 UF	-10/+75	150	ELECT	CYL	SCREW	A	4.50	1.44	-	1101 3216
500 UF	-10/+100	35	ELECT	CYL	SCREW	A	3.50	1.44	-	1101 3406
500 UF	-10/+100	50	ELECT	TUB	AXIAL	A	2.06	1.06	-	1111 5540
500 UF	-10/+150	15	ELECT	TUB	AXIAL	A	2.25	.94	-	1117 9637
500 UF	-10/+150	25	ELECT	TUB	AXIAL	A	2.00	1.06	-	1321 9761
500 UF	-10/+150	35	ELECT	CYL	SCREW	A	3.50	1.44	-	1002 0071
500 UF	-10/+150	50	ELECT	TUB	AXIAL	A	2.31	1.12	-	1341 3448
540 UF	-15/+75	15	ELECT	TUB	AXIAL	A	.89	.40	-	1089 6165
640 UF	-10/+50	25	ELECT	TUB	AXIAL	A	1.25	.75	-	1080 6214
700 UF	-	35	ELECT	TUB	AXIAL	A	2.25	.94	-	1064 5935
750 UF	-10/+100	150	ELECT	CYL	SCREW	A	4.50	1.44	-	1008 9027
750 UF	-10/+150	50	ELECT	TUB	AXIAL	A	2.94	1.12	-	1520 5362
800 UF	-10/+50	450	ELECT	CYL	SCREW	A	4.50	3.06	-	1166 5031
940 UF	-10/+100	100	ELECT	CYL	SCREW	A	3.14	1.38	-	1103 8619
1000 UF	-10/+50	300	ELECT	CYL	SCREW	A	4.50	2.56	-	1127 5633
1000 UF	-10/+100	25	ELECT	CYL	SCREW	A	2.50	1.44	-	1101 3182
1000 UF	-10/+100	75	ELECT	CYL	SCREW	A	3.14	1.38	-	1109 8985

CAPACITORS CONTINUED ON NEXT PAGE

## CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
1000 UF	-10/+100	100	ELECT	CYL	SCREW	A	4.50	1.44	-	1320 1462
1000 UF	-10/+100	150	ELECT	CYL	SCREW	A	4.38	2.06	-	1341 3273
1000 UF	-10/+150	6	ELECT	TUB	AXIAL	A	2.00	.94	-	1526 3601
1000 UF	-10/+150	25	ELECT	CYL	SCREW	A	2.14	1.38	-	1064 5943
1000 UF	-10/+150	50	ELECT	CYL	SCREW	A	1.50	2.81	-	1341 3463
1000 UF	-10/+150	50	ELECT	TUB	AXIAL	A	3.06	1.13	-	1526 8451
1000 UF	-	25	ELECT	CYL	W. WRAP	A	3.38	1.44	-	1324 0254
1000 UF	-	150	ELECT	CYL	W. WRAP	A	4.38	2.06	-	1324 0262
1100 UF	-10/+75	250	ELECT	CYL	SCREW	A	4.50	2.06	-	1117 6344
1100 UF	-10/+150	35	ELECT	CYL	SCREW	A	2.14	1.38	-	1109 8993
1200 UF	-10/+100	40	ELECT	CYL	SCREW	A	3.50	1.44	-	1101 3224
1300 UF	-10/+100	150	ELECT	CYL	SCREW	A	4.50	2.06	-	1002 0089
1400 UF	-10/+100	50	ELECT	CYL	SCREW	A	2.14	1.39	-	1127 9239
1700 UF	-10/+100	150	ELECT	CYL	SCREW	A	4.50	2.56	-	1341 3364
1700 UF	-10/+150	25	ELECT	CYL	SCREW	A	2.14	1.38	-	1109 8928
1800 UF	-10/+30	150	ELECT	CYL	SCREW	A	4.14	2.51	-	1104 7420
2000 UF	-10/+50	50	ELECT	CYL	SCREW	A	4.44	1.44	-	1126 3670
2000 UF	-10/+100	15	ELECT	CYL	SCREW	A	3.50	1.44	-	1321 9647
2000 UF	-10/+100	25	ELECT	CYL	SCREW	A	4.50	1.44	-	1321 9845
2000 UF	-10/+100	50	ELECT	CYL	SCREW	A	4.50	1.44	-	1321 9837
2000 UF	-10/+150	15	ELECT	CYL	SOLDER	A	2.06	1.48	-	1341 3570
2000 UF	-10/+150	25	ELECT	CYL	SCREW	A	3.50	1.44	-	F196 9813
2000 UF	-10/+150	40	ELECT	CYL	SCREW	A	2.14	1.39	-	1127 9247
2000 UF	-	50	ELECT	CYL	W. WRAP	A	4.38	1.81	-	1324 0304
2400 UF	-10/+100	50	ELECT	CYL	SCREW	A	2.14	1.38	-	1907 8567
2600 UF	-10/+100	30	ELECT	CYL	SCREW	A	2.14	1.38	-	1064 6115
2600 UF	-10/+150	25	ELECT	CYL	SCREW	A	2.64	1.38	-	1109 8936
2900 UF	-10/+100	75	ELECT	CYL	SCREW	A	3.14	1.38	-	1907 8575
3000 UF	-10/+30	150	ELECT	CYL	SCREW	A	4.14	2.51	-	1104 7438
3000 UF	-10/+100	150	ELECT	CYL	SCREW	A	4.50	3.06	-	1321 9639
3250 UF	-10/+100	50	ELECT	CYL	SCREW	A	4.50	1.81	-	1166 1063
3300 UF	-10/+100	200	ELECT	CYL	SCREW	A	4.44	3.06	-	1126 1914
3300 UF	-10/+150	35	ELECT	CYL	SCREW	A	4.14	1.38	-	1109 8951
3400 UF	-10/+150	25	ELECT	CYL	SCREW	A	3.14	1.38	-	1109 8977
4000 UF	-10/+30	100	ELECT	CYL	SCREW	A	4.14	2.50	-	1104 7461
4000 UF	-10/+50	50	ELECT	CYL	SCREW	A	4.50	1.81	-	1126 3688
4000 UF	-10/+50	300	ELECT	CYL	SCREW	A	5.64	3.01	-	1102 8644
4000 UF	-10/+100	30	ELECT	CYL	SCREW	A	4.50	2.06	-	1321 9811
4500 UF	-10/+100	15	ELECT	CYL	SCREW	A	4.50	1.44	-	1002 0097
4800 UF	-10/+30	200	ELECT	CYL	SCREW	A	5.64	3.00	-	1104 7453
4900 UF	-10/+100	50	ELECT	CYL	SCREW	A	3.14	1.38	-	1907 8559
4900 UF	-10/+50	150	ELECT	CYL	SCREW	A	4.15	3.00	-	1635 2239
5000 UF	-	25	ELECT	CYL	SCREW	A	2.62	1.37	-	1088 5473
5000 UF	-10/+100	40	ELECT	CYL	SCREW	A	5.00	2.44	-	1101 3257
5000 UF	-10/+100	150	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3265
5000 UF	-10/+150	50	ELECT	CYL	SCREW	A	4.14	-	-	1126 3712
5100 UF	-10/+150	15	ELECT	CYL	SCREW	A	3.14	1.38	-	1109 8944
5200 UF	-10/+150	25	ELECT	CYL	SCREW	A	4.14	1.38	-	1109 8969
6000 UF	-10/+30	150	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3158
6000 UF	-10/+100	10	ELECT	CYL	SCREW	A	3.62	1.44	-	1526 3619
6000 UF	-10/+100	25	ELECT	CYL	SCREW	A	4.50	1.81	-	1321 9654
6000 UF	-10/+100	75	ELECT	CYL	SCREW	A	4.50	3.06	-	1169 8529
6000 UF	-10/+100	75	ELECT	CYL	SCREW	A	4.63	3.00	-	1316 7572
6000 UF	-10/+150	50	ELECT	CYL	SCREW	A	4.62	2.62	-	1316 7564
6600 UF	-10/+100	15	ELECT	CYL	SCREW	A	4.50	1.44	-	1101 3422
7300 UF	-10/+50	150	ELECT	CYL	SCREW	A	5.65	3.00	-	1635 2247
7700 UF	-10/+100	100	ELECT	CYL	SCREW	A	4.14	3.01	-	1126 5758
8000 UF	-10/+30	100	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3166
9200 UF	-10/+100	15	ELECT	CYL	SCREW	A	3.14	1.38	-	1478 2577
9800 UF	-10/+75	75	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3091
10000 UF	-10/+30	75	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3141
10000 UF	-10/+50	10	ELECT	CYL	SCREW	A	4.50	1.44	-	1126 3696
10000 UF	-10/+75	25	ELECT	CYL	SCREW	A	4.12	1.38	-	1089 6108
10000 UF	-10/+100	75	ELECT	CYL	SCREW	A	5.65	3.00	-	1101 3315
10000 UF	-10/+150	25	ELECT	CYL	SOLDER	A	4.50	2.06	-	1110 2084
10800 UF	-10/+150	5	ELECT	CYL	SCREW	A	3.50	1.43	-	1064 5901

CAPACITORS CONTINUED ON NEXT PAGE

CAPACITORS (CONTINUED)

CAP	TOL.%	MWV	TYPE	STYLE	TERMINAL TYPE	CIRCUIT	DIMENSIONS			PART NO.
							L	W	H	
11000 UF	-10/+100	15	ELECT	CYL	SCREW	A	3.25	1.38	-	1472 1328
11600 UF	-10/+100	100	ELECT	CYL	SCREW	A	5.65	3.00	-	1635 2221
14200 UF	-10/+150	35	ELECT	CYL	SCREW	A	4.50	3.06	-	1101 3273
15000 UF	-10/+150	5	ELECT	CYL	SCREW	A	4.50	1.44	-	1196 9946
15000 UF	-10/+150	15	ELECT	CYL	SCREW	A	4.50	1.81	-	1316 7556
15600 UF	-10/+100	75	ELECT	CYL	SCREW	A	4.15	3.00	-	1635 2213
16000 UF	-10/+100	40	ELECT	CYL	SCREW	A	5.00	3.09	-	1101 3083
16000 UF	-10/+150	45	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3281
16500 UF	-10/+100	30	ELECT	CYL	SCREW	A	4.50	3.09	-	1101 3034
17000 UF	-10/+100	30	ELECT	CYL	SCREW	A	4.14	2.01	-	1117 7334
20000 UF	-10/+30	50	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3133
20000 UF	-10/+150	30	ELECT	CYL	SCREW	A	4.50	3.06	-	1166 0768
20000 UF	-10/+150	50	ELECT	CYL	SCREW	A	6.00	3.06	-	1319 0723
20000 UF	-10/+150	62.5	ELECT	CYL	SCREW	A	6.00	3.06	-	1001 9891
21000 UF	-10/+30	30	ELECT	CYL	SCREW	A	4.14	2.51	-	1104 7412
21000 UF	-10/+100	100	ELECT	CYL	SCREW	A	5.65	3.00	-	1907 8377
21500 UF	-10/+100	40	ELECT	CYL	SCREW	A	4.14	2.51	-	1126 5725
21500 UF	-10/+150	25	ELECT	CYL	SCREW	A	4.50	3.06	-	1101 3331
21500 UF	-10/+150	35	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3299
23200 UF	-10/+150	50	ELECT	CYL	SCREW	A	4.13	3.01	-	1127 9254
25000 UF	-10/+75	30	ELECT	CYL	SCREW	A	3.62	2.50	-	1089 6116
25000 UF	-10/+150	62.5	ELECT	CYL	SCREW	A	5.50	3.06	-	1009 9794
27000 UF	-10/+150	35	ELECT	CYL	SCREW	A	5.63	3.00	-	1107 4135
27500 UF	-10/+30	40	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3125
30000 UF	-10/+150	15	ELECT	CYL	SCREW	A	4.50	3.06	-	1321 9829
30000 UF	-10/+150	35	ELECT	CYL	SCREW	A	5.65	3.00	-	1110 2092
32000 UF	-10/+100	25	ELECT	CYL	SCREW	A	4.14	2.51	-	1635 0126
32000 UF	-10/+100	40	ELECT	CYL	SCREW	A	4.15	3.00	-	1635 2197
32000 UF	-10/+150	40	ELECT	CYL	SCREW	A	6.00	3.06	-	1001 9883
34800 UF	-10/+100	50	ELECT	CYL	SCREW	A	5.64	3.00	-	1635 2205
35000 UF	-10/+75	15	ELECT	CYL	SCREW	A	3.62	2.00	-	1088 5523
36000 UF	-10/+150	7	ELECT	CYL	SCREW	A	4.14	2.01	-	1064 5919
37000 UF	-10/+100	25	ELECT	CYL	SCREW	A	6.00	3.09	-	1101 3059
37500 UF	-10/+30	10	ELECT	CYL	SCREW	A	4.14	2.51	-	1104 7446
40000 UF	-10/+30	30	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3117
40000 UF	-10/+100	35	ELECT	CYL	SCREW	A	4.75	3.04	-	1080 5810
40000 UF	-10/+150	40	ELECT	CYL	SCREW	A	6.00	3.06	-	1001 9909
43000 UF	-10/+30	25	ELECT	CYL	SCREW	A	6.00	3.06	-	1101 3109
48000 UF	-10/+100	25	ELECT	CYL	SCREW	A	4.14	3.01	-	1126 5741
48000 UF	-10/+100	40	ELECT	CYL	SCREW	A	5.64	3.01	-	1126 5717
50000 UF	-10/+150	5	ELECT	CYL	SCREW	E	4.62	2.62	-	1511 2337
50000 UF	-10/+150	10	ELECT	CYL	SCREW	A	4.50	3.06	-	1101 3349
51000 UF	-10/+100	15	ELECT	CYL	SCREW	A	4.14	2.51	-	1064 5927
56000 UF	-10/+100	10	ELECT	CYL	SCREW	A	4.25	3.04	-	1080 6404
59000 UF	-10/+30	25	ELECT	CYL	SCREW	A	5.64	3.01	-	1104 7404
60000 UF	-10/+30	15	ELECT	CYL	SCREW	A	4.62	3.00	-	1088 5770
60000 UF	-10/+100	30	ELECT	CYL	Q.C.	A	5.75	3.00	-	1471 4646
63000 UF	-10/+150	15	ELECT	CYL	SCREW	A	6.00	3.06	-	1002 8165
65000 UF	-10/+150	5	ELECT	CYL	SCREW	A	4.15	3.00	-	1101 3323
65000 UF	-10/+150	6	ELECT	CYL	SCREW	A	4.50	3.06	-	1101 3307
72000 UF	-10/+100	25	ELECT	CYL	SCREW	A	5.64	3.01	-	1147 1265
76000 UF	-10/+30	16	ELECT	CYL	SCREW	A	5.64	3.01	-	1104 7396
80000 UF	-10/+100	15	ELECT	CYL	SCREW	A	4.25	3.04	-	1080 6362
85000 UF	-10/+100	35	ELECT	CYL	SCREW	A	8.62	3.00	-	1142 8802
.11 F	-10/+100	15	ELECT	CYL	SCREW	A	5.65	3.00	-	1634 8393
.14 F	-10/+100	15	ELECT	CYL	Q.C.	A	5.75	3.00	-	1471 4653
.145 F	-10/+100	5	ELECT	CYL	SCREW	A	6.00	3.09	-	1101 3075
.15 F	-10/+100	5	ELECT	CYL	SCREW	A	4.19	3.06	-	1142 9438
.152 F	-10/+30	6	ELECT	CYL	SCREW	A	5.64	3.01	-	1104 7388
.25 F	-10/+100	5	ELECT	CYL	SCREW	A	5.63	3.00	-	1101 9056
.6 F	-10/+30	1.5	ELECT	CYL	SCREW	A	5.64	3.01	-	1104 7370

DIODES

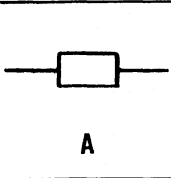
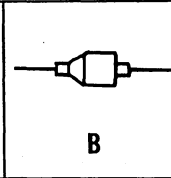
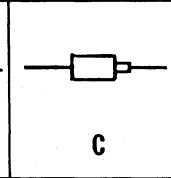
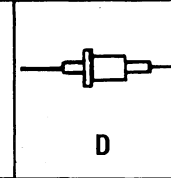
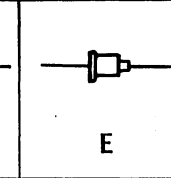
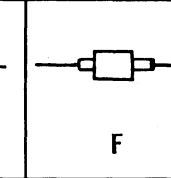
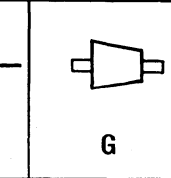
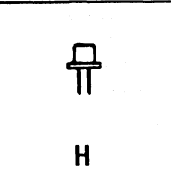
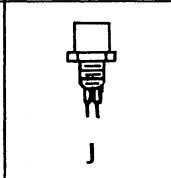
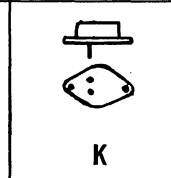
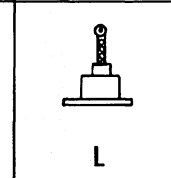
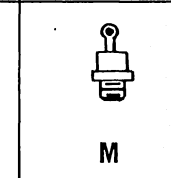
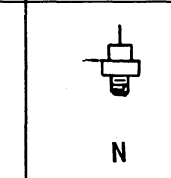
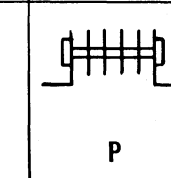
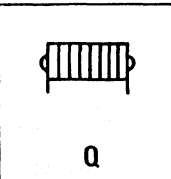
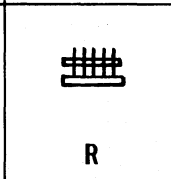
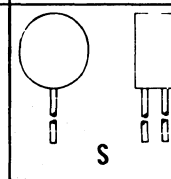
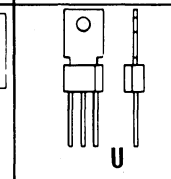
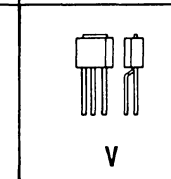
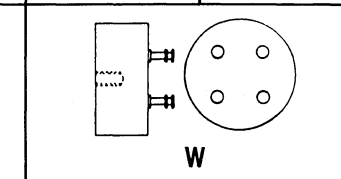
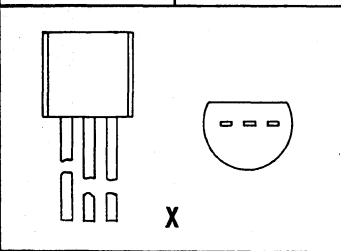
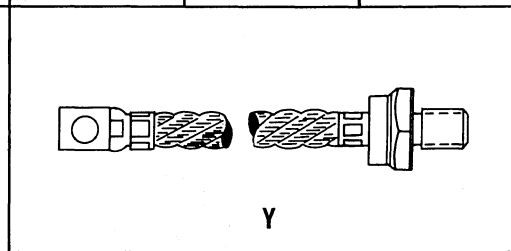
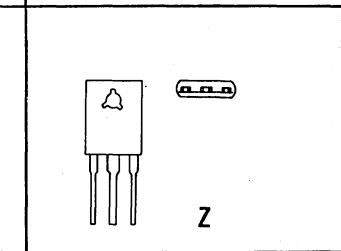
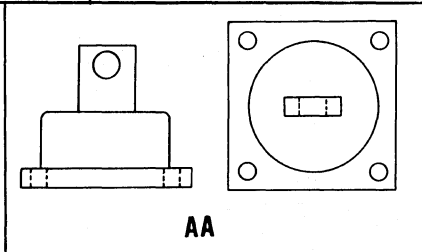
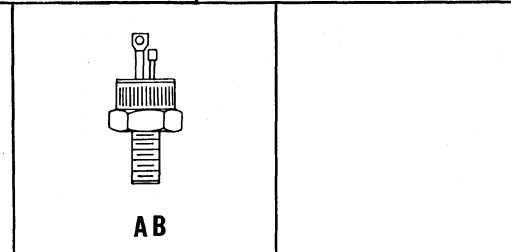
Included in this listing are the following:

- Thyristors (SCR's and Triac's)
- Thyrectors
- Rectifier Bridges
- Schottky Diodes

The identification number in the MARKING column is one of the following:

- JEDEC Designation
- Manufacturers Code Number
- Type Number (Burroughs)
- Color Code

STYLES

DIODES CONTINUED ON NEXT PAGE



## DIODES (CONTINUED)

MARKING	TYPE	STYLE	PART NO.	MARKING	TYPE	STYLE	PART NO.
1N38A	SWITCHING	A	1324 0593	1N1218			1525 6514
1N55A	SWITCHING	A	1340 2581	1N1220			1525 6571
1N92	RECTIFIER	A	1324 0601	1N1222			1525 6589
1N100	GENERAL PURPOSE	A	1321 6254	1N1313A	ZENER 8V	H	1166 6591
1N140	GENERAL PURPOSE	A	1324 0585	1N1314A	ZENER 10V	H	1102 0575
1N153	RECTIFIER	A	1323 9975	1N1315	ZENER 12.75V	H	1316 4785
1N158	RECTIFIER	R	1323 8761	1N1341A	RECTIFIER		2006 8904
1N249C	RECTIFIER	M	1321 4051	1N1342A	RECTIFIER	M	1124 9240
1N270	GENERAL PURPOSE	A	1291 9866	1N1343	RECTIFIER	M	1124 9257
1N279	GENERAL PURPOSE	A	1321 6247	1N1344A	RECTIFIER	M	1635 2759
1N281	GENERAL PURPOSE	A	1186 5292	1N1344RA	RECTIFIER	M	1635 2767
1N367A			1526 3155	1N1361RA	ZENER 27V	M	1102 0708
1N430	ZENER 8.4V	J	1321 6312	1N1362RA	ZENER 30V	M	1102 0716
1N450	GENERAL PURPOSE	F	1647 5360	1N1507	ZENER 3.95V	E	1102 0591
1N457	GENERAL PURPOSE	A	1321 6205	1N1508A	ZENER 4.7V	E	1102 0625
1N482A	GENERAL PURPOSE	A	1119 6078	1N1520	ZENER 5.6V	E	1180 4036
1N487A	GENERAL PURPOSE	A	1321 6197	1N1589	ZENER 4.7V	M	1102 9972
1N497	GENERAL PURPOSE	A	1002 8900	1N1695	RECTIFIER	E	1102 9949
1N537	RECTIFIER	E	1321 6320	1N1697	RECTIFIER	E	1107 5314
1N538	RECTIFIER	E	1321 6338	1N1789A	ZENER 56V	F	1321 6239
1N540	RECTIFIER	E	1321 6353	1N1885A	ZENER 56V	F	1321 6239
1N561	RECTIFIER	D	1321 6346	1N1956A	ZENER 5.6V	A	1088 5648
1N629	SWITCHING	A	1340 2573	1N2054	RECTIFIER	Y	1635 0597
1N633			1400 3685	1N2069	RECTIFIER	A	1316 4769
1N634	GENERAL PURPOSE	A	1647 5352	1N2070	RECTIFIER	A	1340 2656
1N645	GENERAL PURPOSE	A	1112 2637	1N2071	RECTIFIER	A	1196 9441
1N658	GENERAL PURPOSE	A	1183 0080	1N2071A	RECTIFIER	A	1339 0729
1N702A	ZENER 2.6V	A	1179 4955	1N2129A	RECTIFIER	M	1635 2726
1N704A	ZENER 4V	A	1166 8274	1N2131A	RECTIFIER	M	1634 8302
1N705A	ZENER 5V	A	1167 0809	1N2131RA	RECTIFIER	M	1634 9912
1N706A	ZENER 5.8V	A	1002 8975	1N2152	RECTIFIER	N	1339 0745
1N714	ZENER 10V	A	1400 3040	1N2155	RECTIFIER	M	1321 4051
1N718	ZENER 15V	A	1400 3057	1N2156	RECTIFIER	M	1316 2847
1N718A	ZENER 15V	A	1316 4777	1N2156R	RECTIFIER	M	1318 9956
1N739	ZENER 110V	A	1196 7726	1N2157	RECTIFIER	M	1321 4069
1N746A	ZENER 3.3V	C	1110 2373	1N2526	RECTIFIER	N	1339 0760
1N747A	ZENER 3.6V	C	1109 7714	1N2621	ZENER 9.3V	C	1188 5803
1N750	ZENER 4.7V	A	1119 6078	1N2622	ZENER 9.3V	C	1185 8891
1N751A	ZENER 5.1V	A	1105 9052	1N2623A	ZENER 9.3V	C	1189 5455
1N752A	ZENER 5.6V	A	1319 0095	1N2804A	ZENER 6.8V	K	1110 0310
1N753A	ZENER 6.2V	A	1126 3241	1N2804RB	ZENER 6.8V	K	1320 0647
1N756A	ZENER 8.2V	A	1126 3258	1N2808B	ZENER 10V	K	1321 6403
1N757A	ZENER 9.1V	A	1080 6206	1N2813	ZENER 15V	K	1340 2813
1N761	ZENER 4.85V	A	1321 6213	1N2818RB	ZENER 20V	K	1102 0583
1N823	ZENER 6.2V	A	1115 1784	1N2819RB	ZENER 22V	K	1907 8583
1N825	ZENER 6.2V	C	1189 3880	1N2821	ZENER 25V	K	1340 2698
1N914	GENERAL PURPOSE	A	1285 5839	1N2841RA	ZENER 120V	K	1511 5025
1N936	ZENER 9V	A	1523 6235	1N2864	RECTIFIER	E	1173 0579
1N967B	ZENER 18V	A	1111 4576	1N2976B	ZENER 12V	K	1400 2463
1N971B	ZENER 27V	A	1507 7316	1N2979B	ZENER 15V	M	1088 4146
1N1115	RECTIFIER	M	1111 5235	1N2980A	ZENER 16V	M	1110 0328
1N1117	RECTIFIER	M	1103 5706	1N2981R	ZENER 17V	M	1321 6494
1N1138A	RECTIFIER	M	1008 0380	1N2984A	ZENER 20V	M	1126 5733
1N1183	RECTIFIER	M	1064 5950	1N2986B	ZENER 24V	M	1400 2471
1N1183A	RECTIFIER	N	1471 4729	1N2990A	ZENER 33V	M	1526 4104
1N1183R	RECTIFIER	N	1471 5023	1N2992	ZENER 39V	M	1406 1634
1N1184	RECTIFIER	M	1088 5614	1N3014	ZENER 180V	M	1103 8627
1N1186A	RECTIFIER	M	1008 0380	1N3020A	ZENER 10V	C	1400 2224
1N1188	RECTIFIER	M	1111 6241	1N3020B	ZENER 10V	C	1105 9037
1N1199A	RECTIFIER	N	1471 4745	1N3023B	ZENER 13V	A	1522 7416
1N1199RA	RECTIFIER	M	2006 8912	1N3024B	ZENER 15V	A	1320 0639
1N1201A	RECTIFIER	M	1635 2775	1N3027B	ZENER 20V	C	1316 4819
1N1201RA	RECTIFIER	M	1635 2783	1N3029B	ZENER 24V	C	1340 2730
1N1202	RECTIFIER	M	1126 3357	1N3030A	ZENER 24.5V	A	1080 7972
1N1204	RECTIFIER	M	1126 3365	1N3031B	ZENER 30V	C	1508 3389
1N1217	RECTIFIER	E	1525 6506	1N3032B	ZENER 33V	C	1400 2216

DIODES CONTINUED ON NEXT PAGE

## DIODES (CONTINUED)

MARKING	TYPE	STYLE	PART NO.	MARKING	TYPE	STYLE	PART NO.
1N3035B	ZENER 43V	A	1507 7340	2N3899	SCR	H	1081 4887
1N3043	ZENER 91V	E	1102 0732	2N4167	SCR	AB	1080 6438
1N3047A	ZENER 120V	C	1080 7600	2N4183	SCR	H	1119 4420
1N3156	ZENER 8.4V	C	1521 9181	2N4190	SCR	H	1147 2206
1N3190	RECTIFIER	C	1119 4669	2N4441	SCR	Z	1088 5622
1N3208	RECTIFIER	M	1001 7481	2N5060	SCR	X	1111 6209
1N3208R	RECTIFIER	M	1001 7473	2N5446	TRIAC	AB	1089 9045
1N3209	RECTIFIER	M	1511 2311	TYPE 1	GENERAL PURPOSE	A	1316 4801
1N3209R	RECTIFIER	M	1102 9212	TYPE 2	GENERAL PURPOSE	A	1316 4751
1N3210	RECTIFIER	M	1107 4325	TYPE 4	SWITCHING	A	1170 4855
1N3211	RECTIFIER	M	1126 4009	TYPE 5	SWITCHING	A	1170 4848
1N3212	RECTIFIER	M	1102 9204	TYPE 6	SWITCHING	A	1177 8289
1N3212R	RECTIFIER	M	1111 7884	TYPE 7	SWITCHING	A	1178 7173
1N3214R	RECTIFIER	M	1126 5642	TYPE 8	SWITCHING	A	1179 0169
1N3277	RECTIFIER	A	1001 7424	TYPE 9	SWITCHING	A	1178 5433
1N3278	RECTIFIER	A	1001 7432	TYPE 10	SWITCHING	A	1181 9406
1N3279	RECTIFIER	A	1103 5128	TYPE 11	SWITCHING	A	1183 1401
1N3280	RECTIFIER	A	1103 5136	TYPE 12	GENERAL PURPOSE	A	1190 2434
1N3281	RECTIFIER	A	1103 5144	TYPE 13	SWITCHING	A	1106 0936
1N3289	RECTIFIER	Y	1321 4085	TYPE 14	SWITCHING	A	1106 1637
1N3748	RECTIFIER	A	1111 5821	TYPE 15	SWITCHING	A	1108 3979
1N3796B	ZENER 1.5V	H	1064 5992	TYPE 16	GENERAL PURPOSE	A	1110 3439
1N3798	ZENER 24V	H	1147 2198	TYPE 17*	SILICON	A	1114 7949
1N3828A	ZENER 6.2V	C	1907 6330	TYPE 18	ZENER 9.25	A	1114 7931
1N3995	ZENER 4.7V	M	1111 7413	TYPE 19	SWITCHING	A	1115 9860
1N3995A	ZENER 4.7V	M	1119 4552	TYPE 20	GENERAL PURPOSE	A	1115 9761
1N4001	RECTIFIER	A	1471 4737	TYPE 22	SWITCHING	A	1121 2669
1N4002	RECTIFIER	A	1117 9561	TYPE 23	SWITCHING	A	1124 1023
1N4003	RECTIFIER	A	1064 5984	TYPE 24	SWITCHING	A	1634 1125
1N4004	RECTIFIER	A	1126 3779	TYPE 25	GENERAL PURPOSE	A	2005 2981
1N4009	GENERAL PURPOSE	A	1503 9472	TYPE 27	SWITCHING	A	1471 4703
1N4140	RECTIFIER	A	1088 5580	AE1011*	GENERAL PURPOSE	A	1321 6221
1N4154	SWITCHING	A	1471 4703	AEX43-1	RECTIFIER	Q	1311 6249
1N4165B	ZENER 13V	A	1522 7416	AEX43-3	RECTIFIER	Q	1311 6256
1N4171B	ZENER 24V	C	1340 2730	BY107	RECTIFIER	A	1339 0737
1N4551	SWITCHING	A	1471 4661	BY303	RECTIFIER	N	1339 0760
1N4553A	ZENER 5.6V	M	1147 1273	BY406	RECTIFIER	N	1339 0745
1N4560B	ZENER 4.6V	K	1471 4711	C20A	SCR	AB	1119 6888
1N4719	GENERAL PURPOSE	D	1064 1116	C20D	SCR	AB	1127 5450
1N4720	RECTIFIER	H	1119 8140	C30D	SCR	AB	1064 2577
1N4721	RECTIFIER	H	1119 4800	C30U	SCR	AB	1080 6420
1N4722	RECTIFIER	E	1526 7271	C31C	SCR	AB	1126 6053
1N4730A	ZENER 3.9V	A	1089 5365	C106A1	SCR	U	1119 7225
1N4732A	ZENER 4.7V	A	1474 4213	C106A2	SCR	V	1119 7472
1N4733A	ZENER 5.1V	A	1477 3469	C106Y21	SCR	V	1119 7464
1N4734	ZENER 5.6V	A	1080 5448	C156B	SCR	AB	1125 2541
1N4734A	ZENER 5.6V	A	1477 9979	C156D	SCR	AB	1101 9080
1N4735A	ZENER 6.5V	A	1471 4687	C6GX198	SCR	H	1503 9522
1N4736A	ZENER 6.8V	A	1089 4319	CD1554	SWITCHING	A	1170 4848
1N4738A	ZENER 8.64V	A	1471 5015	CD12471	SWITCHING	A	1508 7497
1N4740	ZENER 10V	A	1146 8543	CGD959	GENERAL PURPOSE	A	1316 4751
1N4742A	ZENER 12V	A	1088 5630	CTP779	SWITCHING	A	1324 0593
1N4743A	ZENER 13V	A	1472 8604	CTP870	SWITCHING	A	1340 2581
1N4750	ZENER 27V	A	1080 7972	D1050	GENERAL PURPOSE	A	1324 0585
1N4751A	ZENER 30V	A	1526 7263	D1733	SWITCHING	A	1170 4848
1N4755A	ZENER 43V	A	1507 7340	D2227	SWITCHING	A	1177 8289
1N4933	RECTIFIER	A	1472 6277	D2619	SWITCHING	A	1183 1401
1N5158	SILICON PNP	A	1064 2593	D3655	SWITCHING	A	1321 6270
1N5235B	ZENER 6.8V	A	1081 4721	D6145	SWITCHING	A	1324 0593
1N5306	CURRENT REG	A	1147 2065	D6145	SWITCHING	A	1508 7497
1N5314	CURRENT REG	A	1147 2073	D6556	GENERAL PURPOSE	A	1316 4751
2N686	SCR	AB	1179 0334	DA431	SWITCHING	A	1178 7173
2N1595	SCR	H	1102 7927	DA669	GENERAL PURPOSE	A	1503 9472
2N1597	SCR	H	1339 0778	DA670	GENERAL PURPOSE	A	1503 9480
2N3657	SCR	AB	1125 2558	DF1169	SWITCHING	A	1471 4661
2N3658	SCR	AB	1101 9072	DHD100	SWITCHING	A	1507 7043

\* Part number is for matched set

DIODES CONTINUED ON NEXT PAGE

## DIODES (CONTINUED)

MARKING	TYPE	STYLE	PART NO.
DHD341	SWITCHING	A	1471 4703
DHD669	GENERAL PURPOSE	A	1503 9472
DHD670	GENERAL PURPOSE	A	1503 9480
DI-51	RECTIFIER	A	1103 5086
DI-55	RECTIFIER	A	1103 5110
DI-505	RECTIFIER	A	1103 5078
DJ100	SWITCHING	A	1507 7043
DO60	RECTIFIER	A	1316 2854
DO61	RECTIFIER	A	1340 2656
DO190	RECTIFIER	A	1316 4769
DR1603	SWITCHING	A	1340 2573
DR1820	SWITCHING	A	1170 4848
DR1909	SWITCHING	A	1178 5433
EM403	RECTIFIER	F	1323 7953
EM403-1	SWITCHING	A	1508 7497
ER326	RECTIFIER	A	1001 7424
ER327	RECTIFIER	A	1001 7432
F1760	ZENER 10V	A	1109 9694
FD777	SWITCHING	A	1115 2006
FD6332	GENERAL PURPOSE	A	1503 9480
FD6333	GENERAL PURPOSE	A	1503 9472
FD6362	SWITCHING	A	1178 7173
FX58-10	RECTIFIER	Q	1340 2599
FX58-11	RECTIFIER	Q	1340 2631
G1376	SWITCHING	A	1178 5433
GD308	GENERAL PURPOSE	A	1316 4751
GD314	SWITCHING	A	1340 2581
GD696	SWITCHING	A	1177 8289
GD698	SWITCHING	A	1170 4855
GP2-167	SWITCHING	A	1178 7173
GZ-11-113	RECTIFIER	A	1324 0601
H-7478	RECTIFIER	Q	1339 0711
HD-6665	SWITCHING	A	1321 6270
HG4817	GENERAL PURPOSE	A	1321 6221
HGR-5	RECTIFIER	A	1471 4737
HR5F001	RECTIFIER	N	1339 0745
MCR2305	SCR	AB	1080 6438
MCR2918	SCR	AB	1471 4836
MCR2935-8	SCR	H	1081 4887
MDA962-1	RECT BRIDGE (50V)	W	1100 7929
MDA962-2	RECT BRIDGE (100V)	R	1064 1108
MDA962-3	RECT BRIDGE (200V)	W	1100 7945
MG4901	GENERAL PURPOSE	A	1321 6221
MP3231*	SILICON	A	1321 6387
MP3232			1321 6395
MP3543*	SILICON	A	1321 6387
MP3565*	SILICON		1321 6395
MR323	RECTIFIER	M	1103 1085
MR323R	RECTIFIER	M	1103 1093
MR1030A	GENERAL PURPOSE	D	1064 1116
MR1120	RECTIFIER	N	1471 4745
MR1211	RECTIFIER	M	1119 4636
MR1223FLR	RECTIFIER	L	1111 1978
MR1260	RECTIFIER	AA	1907 7734
MR-1813-SB	RECTIFIER	M	1321 4085
PA071	RECTIFIER	A	1339 0729
PA315A	RECTIFIER	F	1323 9926
PA325B	RECTIFIER	F	1323 7953
PA340	RECTIFIER	B	1169 3306
PE401	RECTIFIER		1324 0601
PE404	RECTIFIER	A	1316 2854
PE406	RECTIFIER	A	1340 2656
PE404	RECTIFIER	A	1340 2656
PG401-2	GENERAL PURPOSE	A	1503 9472
PG403-2	GENERAL PURPOSE	A	1503 9480
PG845	SWITCHING	A	1471 4661

MARKING	TYPE	STYLE	PART NO.
PG847	SWITCHING	A	1471 4703
PS3146*	GENERAL PURPOSE	A	1321 6221
PSS166*	SILICON	A	1321 6387
PS6314	ZENER 10.5V	A	1321 6429
PS7637	SWITCHING	A	1508 7497
PSI5167			1321 6395
PSI6314	ZENER 10.5V	A	1321 6429
PT515	RECTIFIER	F	1323 9926
PT530	RECTIFIER	F	1323 7953
R1328	ZENER 17V	M	1321 6494
R1421	ZENER 50V	M	1321 6411
R1423	ZENER 56V	F	1321 6239
R1428	ZENER 15V	A	1320 0639
R1434	ZENER 15V	K	1340 2813
R1435	ZENER 25V	K	1340 2698
R1436	ZENER 91V	K	1321 6361
R1447	ZENER 95V	K	1321 6304
R1576	ZENER 24V	C	1340 2730
RA102MA-1	RECTIFIER	A	1339 0729
RD2133	SWITCHING	A	1508 7497
RD2369	SWITCHING	A	1340 2573
RD2428	SWITCHING	A	1324 0031
RS200E	RECTIFIER	Q	1339 0687
S159	GENERAL PURPOSE	G	1102 8495
S1106	RECTIFIER	Q	1311 6249
S1107	RECTIFIER	Q	1340 2631
S1116	RECTIFIER	Q	1311 6256
S1126	SUPPRESSOR	A	1339 0695
S1141	RECTIFIER	Q	1340 2599
S1142	SUPPRESSOR	S	1500 8386
S1143	SUPPRESSOR	S	1511 7211
S3W2P	SUPPRESSOR	A	1646 3770
S767G	SWITCHING	A	1323 9983
S783G	GENERAL PURPOSE	A	1324 0585
S945G	SWITCHING	A	1177 8289
S972G	GENERAL PURPOSE	A	1316 4793
S3098G	SWITCHING	A	1183 1401
S3199G	GENERAL PURPOSE	A	1321 6254
S3300G	GENERAL PURPOSE	A	1316 4751
S3569G	GENERAL PURPOSE	A	1510 2866
S3696G	SWITCHING	F	1324 0015
S3768G	GENERAL PURPOSE	A	1178 8395
SC10	RECTIFIER	A	1339 0729
SC40E	TRIAC	AB	1119 6045
SCR521	SCR	AB	1140 9612
SD-92	RECTIFIER	E	1646 0776
SD5168*	SILICON	A	1321 6387
SE	RECTIFIER	Q	1340 2599
SF41T16FA08	RECTIFIER	R	1341 8488
SG212	SWITCHING	A	1321 6270
SG292	SWITCHING	A	1340 2573
SG358	SWITCHING	A	1321 6270
SG369	SWITCHING	A	1324 0031
SG623	GENERAL PURPOSE	A	1316 4801
SG915	SWITCHING	A	1170 4848
SG1271	SWITCHING	A	1508 7497
SG5472*	SILICON	A	1321 6379
SG5522	SWITCHING	A	1178 7173
SG9039	GENERAL PURPOSE	A	1503 9472
SG9044	GENERAL PURPOSE	A	1503 9480
SG9045	SWITCHING	A	1507 7043
SL603	RECTIFIER	F	1323 9926
SM72	GENERAL PURPOSE	M	1179 0623
SO1AE03BC	SUPPRESSOR	P	1104 1449
SO1AE15AC	SUPPRESSOR	P	1102 9873
SO1AE15BC	SUPPRESSOR	P	1109 7730

\* Part number is for matched set

DIODES CONTINUED ON NEXT PAGE

## DIODES (CONTINUED)

MARKING	TYPE	STYLE	PART NO.	MARKING	TYPE	STYLE	PART NO.
SO3AE03BC	SUPPRESSOR	P	1102 5657	3/4M6.66AZC2*	ZENER 20V (3)	C	1111 7454
SO3AE09AC	SUPPRESSOR	P	1103 3891	40HFR10	RECTIFIER	M	1101 9841
SO3AE09BC	SUPPRESSOR	P	1102 5665	40HF10	RECTIFIER	M	1101 9767
SO5AE03BC	SUPPRESSOR	P	1102 6200	50H10Z5	ZENER 10V	K	1321 6403
SO5AE06BC	SUPPRESSOR	P	1102 6218	50H17Z5	ZENER 17V	K	1321 6288
SO9AE03BC	SUPPRESSOR	P	1102 9865	50H91Z5	ZENER 91V	K	1321 6296
SP7M8R6C44	SUPPRESSOR	A	1339 0786	50M10Z5	ZENER 10V	K	1321 6403
SP7M10HA60	RECTIFIER	Q	1339 0711	50M15Z10	ZENER 15V	K	1340 2813
SPA27	RECTIFIER	Q	1311 6256	50M17Z5	ZENER 17V	K	1321 6288
SR3946	RECTIFIER	A	1339 0737	50M25ZR10	ZENER 25V	K	1340 2698
SRA131	RECTIFIER 1/2 BRIDGE		1635 1322	50M75Z10	ZENER 75V	K	1340 2664
SV407	ZENER 10.5V	A	1321 6429	50M91Z5	ZENER 91V	K	1321 6296
SV717	ZENER 15V	A	1316 4777	50M91ZR5	ZENER 91V	K	1321 6361
SW2205	SCR	H	1503 9522	50M95Z5	ZENER 95V	K	1321 6304
SZ935	ZENER 10.5V	A	1321 6429	50M190Z2	ZENER 190V	K	1634 8161
SZ959	ZENER 5.2V	A	1179 6828	70H5	RECTIFIER	M	1101 9585
SZ1576*	ZENER 12V (3)	C	1111 7470	70H10A	RECTIFIER	M	1089 6082
SZ50136	ZENER 4.85V	A	1002 1210	70H30A	RECTIFIER	M	1101 9387
T-6	SWITCHING	F	1324 0015	70H80	RECTIFIER	M	1126 5350
T-0801	SCR	H	1503 9522	70HR80A	RECTIFIER	M	1634 9862
UG752	SWITCHING	A	1340 2573	70U5	RECTIFIER		1125 2566
WG247	GENERAL PURPOSE	A	1503 9472	75F20TC	RECTIFIER	L	1103 3917
X4285	RECTIFIER	R	1341 8488	75F40RTC	RECTIFIER	L	1103 3925
X4906	RECTIFIER	Q	1340 2631	147M4B04	SUPPRESSOR	A	1339 0695
Z9090	SUPPRESSOR	A	1339 0695	366B	RECTIFIER		1525 6555
Z9951	RECTIFIER	Q	1311 6249	367B	RECTIFIER		1525 6563
ZA-10	ZENER 10.5V	H	1321 6262	368B	RECTIFIER	M	1080 6412
ZJ257	TRIAC	AB	1520 6030	384A	RECTIFIER	A	1471 4737
1BX43-303	RECTIFIER	R	1321 4077	400F20RTC	RECTIFIER	L	1102 9881
1M8.00ZS2	ZENER 8V		1081 4861	450VB5A	RECTIFIER	Y	1101 9759
1ZM7.5T5	ZENER 7.5V	A	1080 6107	450VB20A	RECTIFIER	Y	1635 2742
1ZM12.5T5	ZENER 12.5V	A	1080 6115	010	RECTIFIER	A	1167 6830
3Z20T5	ZENER 20V	M	1179 4997	24	SWITCHING	A	1634 1125
4E20-8	SILICON PNP	A	1064 5265	289	SWITCHING	A	1177 8289
4E40-8	SILICON PNP	A	1064 5273	309	GENERAL PURPOSE	A	1178 8395
4IA36AX40	RECTIFIER	M	1321 4051	502	SWITCHING	F	1324 0015
4JA36CX40	RECTIFIER	M	1321 4069	504	SWITCHING	A	1324 0031
4JA6011BC1BB1	RECTIFIER	R	1316 2839	521	RECTIFIER	F	1323 9918
4JA70BX100	RECTIFIER	M	1321 4085	522	RECTIFIER	F	1323 9926
4JA211AH1AC1	RECTIFIER	A	1323 9967	531	RECTIFIER	F	1323 7953
4JS36AX40	RECTIFIER	M	1321 4051	557	SWITCHING	A	1324 0585
4M4.1Z2	ZENER 4.1V	A	1111 6217	561	RECTIFIER	A	1324 0601
6RS20S12B2	SUPPRESSOR	S	1500 8386	597	RECTIFIER	A	1323 9975
6RS20SP4B4	SUPPRESSOR	S	1511 7211	598	SWITCHING	A	1323 9983
6RS20SP8B8	SUPPRESSOR	A	1520 4639	601	SWITCHING	A	1340 2573
6RS20SP9B9	SUPPRESSOR	A	1064 4466	622	SWITCHING	A	1503 9480
6RS20SP20B20	SUPPRESSOR	A	1521 8647	751	GENERAL PURPOSE	A	1316 4751
6RS21SA2D2	SUPPRESSOR	P	1340 2714	877	RECTIFIER	A	1167 6830
6RS21SA7D7	SUPPRESSOR	P	1340 2722	3273	SWITCHING	A	1183 1401
6RS22FB38JD1	RECTIFIER	R	1341 8488	38942	SCR	AB	1111 6191
7XH	RECTIFIER	Q	1340 2631	40536	TRIAC	H	1071 5332
8A6PS2	SUPPRESSOR	A	1339 0786	133477	RECTIFIER	M	1089 6207
8Y1	RECTIFIER	Q	1339 0679	133478	RECTIFIER	M	1089 6082
10D1	RECTIFIER	A	1080 6180	61-8457	SUPPRESSOR	A	1339 0695
10D05	RECTIFIER	A	1080 6099	66-6140	RECTIFIER	A	1339 0729
10M17ZR	ZENER 17V	M	1321 6494	69-5585	ZENER 2.4V	A	1319 0111
10MS0ZR5	ZENER 50V	M	1321 6411	69-6363	ZENER 4.85V	A	1002 1210
12F10	RECTIFIER	M	1089 6207	69-6700	ZENER 5.8V	A	1002 8975
1/4M2.4AZ	ZENER 2.4V	A	1319 0111	3371186	RECTIFIER		1525 6563
16F10	RECTIFIER	M	1080 6412	3371215	RECTIFIER		1525 6555
18RC60	SCR	H	1081 4887	3371572	ZENER 5.1V	A	1478 2593
20A6	RECTIFIER	A	1147 1984				
3/4M15Z10	ZENER 15V	C	1340 2706				
3/4M15Z5	ZENER 15V	A	1320 0639				
3/4M19Z	ZENER 19V	C	1102 0690				
3/4M30Z5	ZENER 30	C	1508 3389				

TRANSISTORS

ABBREVIATIONS

- FE-N . . . . . FIELD EFFECT "N" CHANNEL
- FE-P . . . . . FIELD EFFECT "P" CHANNEL
- HP . . . . . HIGH POWER, COLLECTOR DISSIPATION EQUAL TO OR GREATER THAN ONE WATT
- LP . . . . . LOW POWER, COLLECTOR DISSIPATION LESS THAN ONE WATT
- UNIJ . . . . . UNIUNION

<p><b>A</b></p>						<p><b>B</b></p>
<p><b>C</b></p>	<p><b>D</b></p>	<p><b>E</b></p>	<p><b>F</b></p>	<p><b>G</b></p>	<p><b>H</b></p>	<p><b>J</b></p>
<p><b>K</b></p>	<p><b>L</b></p>	<p><b>M</b></p>	<p><b>N</b></p>	<p><b>P</b></p>	<p><b>R</b></p>	<p><b>S</b></p>
<p><b>T</b></p>	<p><b>U</b></p>	<p><b>V</b></p>	<p><b>W</b></p>	<p><b>X</b></p>	<p><b>Y</b></p>	<p><b>Z</b></p>
<p><b>AA</b></p>	<p><b>AB</b></p>	<p><b>AC</b></p>	<p><b>AD</b></p>	<p><b>AE</b></p>	<p><b>AF</b></p>	<p><b>AG</b></p>
<p><b>AH</b></p>	<p><b>AJ</b></p>	<p><b>AK</b></p>	<p><b>AL</b></p>	<p><b>AM</b></p>	<p><b>AN</b></p>	<p><b>AO</b></p>

TRANSISTORS CONTINUED ON NEXT PAGE

## TRANSISTORS (CONTINUED)

MARKING	POWER RATING	TYPE	STYLE	PART NO.
2N44	LP	PNP	N	1321 7658
2N78	LP	NPN	P	1321 7666
2N100	LP	PNP	F	1180 1206
2N173	HP	PNP	AF	1645 5263
2N174	HP	PNP	T	1321 7708
2N235A	HP	PNP	Z	1321 7591
2N247	LP	PNP	F	1321 7633
2N269	LP	PNP	J	1321 7468
2N316	LP	PNP	B	1645 5461
2N328A	LP	PNP	F	1321 7773
2N336	LP	NPN	F	1321 7500
2N350A	HP	PNP	Z	1319 0301
2N385	LP	NPN	F	1321 7484
2N386	HP	PNP	AB	1321 7682
2N388A	LP	NPN	F	1112 1175
2N393	LP	PNP	G	1321 7617
2N398A	LP	PNP	F	1320 0910
2N404	LP	PNP	F	1321 7724
2N428	LP	PNP	F	1166 7821
2N444A	LP	NPN	B	1001 7564
2N472	LP	NPN	F	1321 7542
2N475	LP	NPN	F	1321 7518
2N479	LP	NPN	F	1321 7526
2N491	LP	UNIJ	F	1320 0928
2N495	LP	PNP	F	1321 7534
2N497	HP	NPN	S	1321 7559
2N525	LP	PNP	F	1173 0959
2N526	LP	PNP	F	1321 7567
2N527	LP	PNP	F	1321 7609
2N541	LP	NPN	F	1316 5519
2N553	HP	PNP	Z	1321 7575
2N580	LP	PNP	B	1180 5587
2N582	LP	PNP	F	1321 7732
2N584	LP	PNP	J	1321 7476
2N586	LP	PNP	M	1180 0174
2N598	LP	PNP	B	1180 5579
2N652	LP	PNP	F	1185 8909
2N661	LP	PNP	F	1181 0538
2N696	LP	NPN	F	1180 3665
2N705	LP	PNP	E	1319 0343
2N708	LP	NPN	E	1471 4778
2N827	LP	PNP	E	1119 3406
2N914	LP	NPN	E	1471 4760
2N930	LP	NPN	E	1472 8349
2N1008A	LP	PNP	B	1321 7674
2N1037	LP	PNP	F	1321 7716
2N1042	HP	PNP	U	1189 5729
2N1046	HP	PNP	Y	1181 0421
2N1125	LP	PNP	D	1316 5527
2N1136B	HP	PNP	Z	1196 9979
2N1138A	HP	PNP	Z	1321 7690
2N1172	HP	PNP	AA	1179 6679
2N1175	LP	PNP	F	1525 6647
2N1186	LP	PNP	F	1319 0327
2N1187	LP	PNP	F	1064 1165
2N1193	LP	PNP	F	1344 7321
2N1304	LP	NPN	F	1294 4401
2N1306	LP	NPN	F	1321 7757
2N1307	LP	PNP	F	1319 0319
2N1308	LP	NPN	F	1179 0425
2N1309	LP	PNP	F	1179 0417
2N1373	LP	PNP	F	1180 0182
2N1376	LP	PNP	F	1189 5646
2N1377	LP	PNP	F	1189 5653
2N1384	LP	PNP	H	1063 5241
2N1395	LP	PNP	F	1510 2874

MARKING	POWER RATING	TYPE	STYLE	PART NO.
2N1483	HP	NPN	A	1526 2967
2N1499A	LP	PNP	B	1178 8338
2N1542	HP	PNP	Y	1181 0462
2N1544	HP	PNP	Z	1185 8917
2N1545	HP	PNP	Z	1109 6898
2N1545A	HP	PNP	Z	1105 0440
2N1557	HP	PNP	Z	1002 1145
2N1559	HP	PNP	Z	1180 3616
2N1605	LP	NPN	F	1344 3767
2N1613	HP	NPN	F	1526 2959
2N1671	LP	UNIJ	F	1196 9987
2N1671A	LP	UNIJ	F	1196 9995
2N1759	HP	PNP	AD	1178 8262
2N1761	HP	PNP	AD	1179 7115
2N1907	HP	PNP	Z	1002 2424
2N1908	HP	PNP	Z	1189 5430
2N1924	LP	PNP	F	1319 0335
2N1957	LP	PNP	F	1319 0327
2N1998	LP	PNP	F	1510 2718
2N2042	LP	PNP	F	1321 7781
2N2081	HP	PNP	L	1525 6613
2N2082	HP	PNP	L	1525 6605
2N2137	HP	PNP	Z	1525 6621
2N2139	HP	PNP	Z	1525 6639
2N2140	HP	PNP	Z	1526 2983
2N2142	HP	PNP	Z	1526 2942
2N2147	HP	PNP	Z	1321 7591
2N2156	HP	PNP	L	1109 6906
2N2218	LP	NPN	F	1190 4836
2N2405	HP	NPN	Z	1080 7584
2N2528	HP	PNP	Z	1522 7473
2N2538	LP	NPN	F	1119 2192
2N2539	LP	NPN	E	1141 4257
2N2552	HP	PNP	U	1179 0441
2N2560	HP	PNP	U	1189 5729
2N2646	LP	UNIJ	E	1119 7647
2N2647	LP	UNIJ	E	1080 5174
2N2905	LP	PNP	F	1143 4396
2N2925	LP	NPN	AE	1119 6094
2N2945	LP	PNP	E	1117 4513
2N3015	LP	NPN	F	1471 4794
2N3053	HP	NPN	F	1089 6066
2N3054	HP	NPN	AG	1507 7183
2N3055	HP	NPN	Z	1080 5364
2N3108	LP	NPN	F	1473 4255
2N3110	HP	NPN	Z	1471 4786
2N3133	LP	PNP	F	1526 2926
2N3213	HP	PNP	AA	1111 7512
2N3215	HP	PNP	AA	1111 7728
2N3235	HP	NPN	Y	1526 2975
2N3241	LP	PNP	AM	1080 6396
2N3244	LP	PNP	F	1471 4828
2N3251	LP	PNP	E	1477 3451
2N3252	LP	NPN	F	1476 1118
2N3253	LP	NPN	F	1141 5924
2N3323	LP	PNP	E	1107 0257
2N3405	HP	NPN	AE	1119 6086
2N3417	LP	NPN	AE	1140 7897
2N3442	HP	NPN	Z	1126 5568
2N3467	LP	PNP	F	1471 4828
2N3504	LP	PNP	E	1120 0482
2N3568	LP	NPN	AM	1081 4788
2N3583	HP	NPN	AG	1505 9850
2N3614	HP	PNP	Z	1527 0929
2N3616	HP	PNP	Z	1527 0937
2N3618	HP	PNP	Z	1527 0937

TRANSISTORS CONTINUED ON NEXT PAGE

## TRANSISTORS (CONTINUED)

MARKING	POWER RATING	TYPE	STYLE	PART NO.
2N3640	LP	PNP	B	1127 5039
2N3715	HP	NPN	Z	1471 4802
2N3738	HP	NPN	F	1526 3817
2N3740	HP	PNP	AG	1064 5281
2N3766	HP	NPN	AG	1064 4417
2N3771	HP	NPN	Z	1101 8736
2N3772	HP	NPN	Z	1119 4628
2N3789	HP	PNP	Y	1900 3698
2N3824	LP	FE-N	AL	1902 3266
2N3824*	LP	FE-N	AL	1128 7836
2N3904	LP	NPN	AK	1064 4433
2N3906	LP	PNP	AK	1064 1140
2N4036	HP	PNP	F	1088 2330
2N4221	LP	FE-N	AL	1635 2924
2N4272	HP	NPN	F	1525 8932
2N4276	HP	PNP	Y	1102 5871
MATCHED PAIR				1900 3748
MATCHED SET OF 5				1907 6306
MATCHED SET OF 6				1635 1801
MATCHED SET OF 10				1635 1819
2N4277	HP	PNP	Y	1634 8344
2N4286	LP	PNP	AM	1080 6396
2N4296	HP	NPN	Z	1101 8181
2N4381	LP	FE-P	E	1635 2791
TYPE F	LP	PNP	F	1178 3453
TYPE G	LP	PNP	K	1178 3446
TYPE I	LP	NPN	F	1179 1084
TYPE J	LP	PNP	F	1180 1206
TYPE L	LP	PNP	E	1141 2137
TYPE M	LP	NPN	F	1178 5425
TYPE N	LP	PNP	H	1178 5417
TYPE O	LP	PNP	F	1178 5409
TYPE Q	LP	PNP	E	1141 2129
TYPE S	LP	PNP	H	1181 7590
TYPE T	LP	PNP	B	1183 1229
TYPE U	LP	PNP	X	1183 1237
TYPE W	LP	NPN	F	1184 5369
TYPE Y	HP	PNP	Z	1001 9719
TYPE AA	LP	NPN	E	1193 5319
TYPE AB	HP	PNP	U	1198 5058
TYPE AC	LP	PNP	F	1198 6700
TYPE AD	HP	PNP	Z	1198 6718
TYPE AE	HP	PNP	Z	1199 0066
TYPE AF	LP	PNP	F	1106 3245
TYPE AH	LP	NPN	F	1107 0240
TYPE AK	LP	NPN	E	1109 5924
TYPE AL	LP	PNP	F	1113 2511
TYPE AM	LP	PNP	F	1113 2875
TYPE AN	LP	PNP	E	1114 1736
TYPE AP	LP	NPN	F	1116 5776
TYPE AS	LP	PNP	E	1117 4513
TYPE AT	HP	PNP	E	1120 0482
TYPE AQ	HP	NPN	Z	1116 6527
TYPE AR	HP	NPN	F	1116 6535
TYPE AY	LP	NPN	F	1119 2168
TYPE AW	LP	NPN	F	1119 2192
TYPE AX	LP	PNP	E	1119 3406
TYPE AY	LP	NPN	F	1120 8808
TYPE AZ	HP	NPN	AG	1123 3335
TYPE BA	LP	NPN	AJ	1123 7336
TYPE BC	LP	PNP	AJ	1123 7351
TYPE BD	LP	PNP	AJ	1123 7369
TYPE BE	LP	PNP	F	1143 4396
TYPE BF	LP	NPN	E	1141 4257
TYPE BG	LP	NPN	F	1141 5924
TYPE BH	LP	NPN	F	1141 5932

MARKING	POWER RATING	TYPE	STYLE	PART NO.
TYPE BJ	LP	NPN	E	1141 6062
TYPE BK	LP	NPN	F	1147 3717
TYPE BL	LP	PNP	F	1635 3922
TYPE BM	LP	PNP	E	1901 5338
TYPE BN	LP	NPN	E	1901 5346
TYPE BT*	LP	FE-N	AL	1128 7836
TYPE BU	LP	FE-N	AL	1902 3266
A926	LP	NPN	AE	1507 7050
B085	LP	NPN	AE	1509 7306
B684	LP	NPN	AE	1503 9456
B685	LP	NPN	AE	1503 8425
B686	LP	NPN	AE	1503 8433
B687	LP	NPN	AE	1503 9464
B5031	HP	NPN	AN	1089 6181
B10078	HP	PNP	T	1321 7708
B10455	HP	PNP	AH	1063 5845
BX65-310	LP	PNP	F	1173 0959
BX65-314	LP	PNP	F	1321 7625
BX65-316	LP	PNP	K	1321 7641
BX65-329	LP	NPN	F	1321 7757
BX65-332	LP	PNP	F	1321 7773
BX65-334	LP	PNP	F	1321 7799
CDT1360	HP	PNP	Z	1321 7765
CP3653	LP	NPN	F	1344 3767
CP3655	LP	PNP	F	1321 7609
CS3704	LP	PNP	AM	1080 6396
DTG2200	HP	PNP	Z	1064 2338
DTG7299851	HP	PNP	Z	1064 2338
DTS100	HP	NPN	Z	1089 6175
ES171	HP	PNP	Z	1198 6718
F65466	LP	PNP	H	1181 7590
FS16163	LP	NPN	AE	1503 9456
GA950A	LP	PNP	F	1320 0910
GA951	LP	NPN	F	1321 7484
GA958	LP	PNP	F	1321 7625
GA963	LP	PNP	F	1321 7799
GI3638	LP	PNP	AM	1089 6199
GL-98	LP	PNP	F	1510 2874
GM572	LP	PNP	E	1319 0343
GT3271	LP	PNP	F	1320 0910
GT3272	LP	PNP	F	1321 7724
JM/A	HP	PNP	Z	1198 6718
MA884	LP	PNP	F	1119 6102
MHT5502	LP	NPN	F	1473 4255
MJ2267	HP	PNP	Y	1109 9546
MP504A	HP	PNP	L	1189 5620
MP505	HP	PNP	L	1192 1988
MTH5501	HP	NPN	Z	1471 4786
N565A	LP	PNP	F	1344 7321
N935	HP	NPN	AE	1507 7191
NS832	LP	PNP	F	1321 7773
NS1200	LP	PNP	F	1321 7534
NS1826	LP	PNP	F	1321 7716
NS1828	LP	PNP	F	1321 7773
R6208	LP	PNP	F	1321 7633
RT8227	LP	PNP	F	1321 7716
S3546	HP	PNP	T	1321 7708
S3753	HP	PNP	Z	1321 7575
S9664	HP	NPN	Z	1080 5364
S9665	HP	PNP	Z	1064 2338
S19761	HP	NPN	E	1119 8132
S25569	LP	NPN	E	1472 8349
SA52	LP	PNP	F	1321 7609
SA211	LP	PNP	F	1320 0910
SA510	LP	PNP	B	1321 7674
SA666	LP	PNP	F	1321 7625

\* Part number is for matched set

TRANSISTORS CONTINUED ON NEXT PAGE





## INTEGRATED CIRCUITS (CHIPS)

THE IDENTIFICATION NUMBER IN THE MARKING COLUMN IS EITHER INDUSTRY DESIGNATION OR MANUFACTURER'S PART NO.

MARKING	TYPE	PART NO.	MARKING	TYPE	PART NO.
702	AMPLIFIER	1632 7413	SC2138	LINEAR DEVICE	1296 7998
709C	AMPLIFIER	1473 4248	SF60	FLIP-FLOP	1700 2676
710C	DIFF. COMPARATOR	1471 4406	SF110	FLIP-FLOP	1700 2718
741	AMPLIFIER	1907 6595	SF250	FLIP-FLOP	1700 2635
930	GATE	1471 4380	SG40	GATE	1700 2312
932	BUFFER	1527 5282	SG50	GATE	1700 2353
933	GATE EXPANDER	1527 5290	SG60	GATE	1700 2395
936	GATE	1471 4356	SG70	GATE	1700 2437
936	GATE SPEC	1471 9868	SG130	GATE	1700 2478
944	BUFFER	1471 4398	SG140	GATE	1700 2510
945	FLIP-FLOP	1527 5308	SG150	GATE	1700 2551
946	GATE	1471 4364	SG160	DRIVER	1700 6537
946	GATE SPEC	1472 0486	SG190	GATE	1700 2593
952	INVERTER (IA-N)	1123 9050	SG220	GATE	1700 6495
953	GATE (GACN)	1123 9068	SG250	GATE	1700 4722
954	GATE (GABN)	1123 9076	SG263	GATE	1702 9430
955	GATE (GBAN)	1123 9084	SN7400N	GATE	1065 4861
956	BUFFER (BA-N)	1123 9092	UA709C	AMPLIFIER	1473 4248
957	FLIP-FLOP (FB-N)	1123 9159	UA710C	AMPLIFIER	1127 2077
962	GATE	1471 4372	UA711C	DIFF. COMPARATOR	1474 3736
964	GATE (GADN)	1123 9126	U5B7741312	AMPLIFIER	1907 6595
965	GATE (GAEN)	1123 9118	U5E7741393	AMPLIFIER	1907 6553
966	GATE (GAFN)	1124 1155	U6A900251X	GATE	1907 7601
967	FLIP-FLOP (FA-O)	1123 9100	U6A900351X	GATE	1907 7619
968	DUAL LATCH (LA-N)	1128 9543	U6A900451X	GATE	1907 8252
971	GATE (GAGN)	1128 9535	U6A900751X	GATE	1907 8260
972	GATE (GCFN)	1145 9153	U6A993059	GATE	1471 4380
9030	MEMORY CELL (MULN)	1123 9134	U6A993259	BUFFER	1527 5282
9093	FLIP-FLOP	1472 7721	U6A993359	GATE EXPANDER	1527 5290
9098	FLIP-FLOP (FC-O)	1145 9005	U6A993659	GATE	1471 4356
9099	FLIP-FLOP	1472 8331	U6A994459	BUFFER	1471 4398
9112	BUFFER	1472 8612	U6A994659	GATE	1471 4364
CA3012	AMPLIFIER	1471 4414	U6A996259	GATE	1471 4372
CA3015	AMPLIFIER	1700 7154	U6W7747393	AMPLIFIER	1907 7726
CA3015A	AMPLIFIER	1081 4739		BUFFER (BC-N)	1900 7244
CA3018A	LINEAR DEVICE	1477 3436		FLIP-FLOP (FCCO)	1900 7269
CA3045	TRANSISTOR ARRAY	1089 9037		GATE (BD-N)	1705 7563
MIC930-5D	GATE	1471 4380		GATE (GAFN)	1124 1155
MIC932-5D	BUFFER	1527 5282		GATE (GCBN)	1900 7145
MIC933-5D	GATE EXPANDER	1527 5290		GATE (GCCN)	1900 7160
MIC936-5D	GATE	1471 4356		GATE (GCDN)	1900 7186
MIC944-5D	BUFFER	1471 4398		GATE (GCEN)	1900 7202
MIC946-5D	GATE	1471 4364		GATE (GCFN)	1145 9153
MIC962-5D	GATE	1471 4372		GATE (GCPN)	1900 7228
PA7709	AMPLIFIER	1700 5257		GATE (NI-N)	1705 7480
PA7710	DIFF. AMPLIFIER	1700 5216		INVERTER (IC-N)	1900 7129
PA7711-39	LINEAR DEVICE	1707 0095		MEMORY CELL 16 BIT (HLTTL)	1065 1289
PA7712C	AMPLIFIER	1632 7413		RET MONO MULTI	1901 7102
PD9093-59	FLIP-FLOP	1472 7721		SHIFT REGISTER 21 BIT	1527 5274
PD9932-59	BUFFER	1527 5282		SHIFT REGISTER 66 BIT	1472 7705
PD9935-59	GATE	1663 9767			
PD9936-59	INVERTER	1471 4356			
PD9946-59	GATE	1471 4364			
PD9962-59	GATE	1471 4372			

INTEGRATED CIRCUITS CONTINUED ON NEXT PAGE

## INTEGRATED CIRCUITS (CONTINUED)

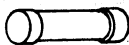
TYPE	PART NO.
DUAL ON - CONVERTER - TRUE AND FALSE OUTPUT	1718 7469
DUAL GATED BUFFER - 3 TRUE AND 1 FALSE OUTPUT	1718 7261
DUAL GATED DRIVER	1718 6966
DUAL MEMORY BUFFER - TRUE AND FALSE OUTPUT	1718 7568
DUAL RECEIVER - TRUE AND FALSE OUTPUT	1718 6867
DUAL UP - CONVERTER - TRUE AND FALSE OUTPUT	1718 7360
DUAL 4 INPUT GATE - TRUE AND FALSE OUTPUT	1718 7063
LATCH	1718 6669
QUAD STROBED GATE	1718 6560
2X2 OPERAND SELECT GATE - TRUE AND FALSE OUTPUT	1718 6768
2X3 OPERAND SELECT GATE - FALSE OUTPUT	1718 6362
2X4 OPERAND SELECT GATE - TRUE AND FALSE OUTPUT	1718 6263
2X5 OPERAND SELECT GATE - FALSE OUTPUT	1718 6461
9 INPUT GATE - TRUE AND FALSE OUTPUT	1718 7162

FUSES

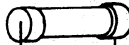
STYLES

TYPES

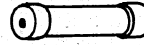
FB . . . FAST BLOW  
 SB . . . SLOW BLOW  
 M . . . MEDIUM



A - PLAIN



B - PIGTAIL



C - INDICATOR ALARM



D - CARTRIDGE

CURRENT RATING (AMPS)	VOLTAGE RATING (VOLTS)	TYPE	STYLE	DIMENSIONS (IN.)	MATERIAL	PART NO.
.010	250	SB	A	.25 x 1.25	GLASS	1197 1975
.031	250	SB	A	.25 x 1.25	GLASS	1343 1044
.031	250	SB	B	.25 x 1.25	GLASS	1324 1161
.062	125	FB	A	.14 x .30	GLASS	1105 8534
.062	125	FB	B	.14 x .30	GLASS	1102 2712
.062	125	FB	B	.14 x .39	GLASS	1477 4723
.062	250	FB	A	.25 x 1.25	GLASS	1321 8532
.062	250	FB	B	.25 x 1.25	GLASS	1140 7376
.062	250	SB	A	.25 x 1.25	GLASS	1343 0970
.100	125	FB	B	.14 x .30	GLASS	1321 8524
.100	250	SB	A	.25 x 1.25	GLASS	1197 2007
.125	125	FB	A	.14 x .30	GLASS	1105 8526
.125	125	SB	A	.25 x 1.25	GLASS	1102 7976
.125	125	FB	B	.14 x .30	GLASS	1102 2720
.125	250	FB	A	.25 x 1.25	GLASS	1320 1397
.125	250	FB	B	.25 x 1.25	GLASS	1140 7384
.125	250	SB	A	.25 x 1.25	GLASS	1343 0988
.150	250	SB	A	.25 x 1.25	GLASS	1341 1079
.175	250	SB	A	.25 x 1.25	GLASS	1197 2031
.187	250	SB	A	.25 x 1.25	GLASS	1197 2049
.200	250	SB	A	.25 x 1.25	GLASS	1197 2056
.250	125	SB	A	.25 x 1.25	GLASS	1102 7984
.250	250	FB	A	.25 x 1.25	CERAMIC	1110 1920
.250	250	FB	A	.25 x 1.25	GLASS	1321 8623
.250	250	FB	A	.41 x 1.50	GLASS	1102 2613
.250	250	FB	B	.25 x 1.25	GLASS	1140 7392
.250	250	SB	A	.25 x 1.25	GLASS	1009 0231
.300	125	FB	B	.14 x .30	GLASS	1102 2738
.300	250	SB	A	.25 x 1.25	GLASS	1197 2072
.300	250	SB	C	.41 x 1.50	FIBER	1316 7010
.300	250	FB	-	-	-	1529 8268
.375	250	FB	B	.25 x 1.25	GLASS	1140 7400
.375	250	SB	A	.25 x 1.25	GLASS	1197 2080
.400	250	SB	A	.25 x 1.25	GLASS	1009 0223
.500	125	SB	A	.25 x 1.25	GLASS	1102 8131
.500	250	FB	A	.25 x 1.25	GLASS	1321 8540
.500	250	FB	B	.25 x 1.25	GLASS	1316 7002
.500	250	SB	A	.25 x 1.25	GLASS	1341 0923
.500	250	SB	C	.41 x 1.50	FIBER	1102 2969
.600	250	SB	A	.25 x 1.25	GLASS	1341 0998
.700	125	SB	A	.25 x 1.25	GLASS	1002 9817
.700	250	SB	A	.25 x 1.25	GLASS	1197 2122
.750	125	FB	B	.14 x .30	-	1051 4388
.750	125	SB	A	.25 x 1.25	GLASS	1102 7992
.750	250	FB	A	.25 x 1.25	GLASS	1343 0921
.750	250	FB	B	.25 x 1.25	GLASS	1140 7426
.750	250	SB	A	.25 x 1.25	GLASS	1009 0249
.800	250	SB	A	.25 x 1.25	GLASS	1343 0897
1.000	125	SB	A	.25 x 1.25	GLASS	1102 8115
1.000	125	SB	C	.41 x 1.50	FIBER	1316 7028
1.000	250	FB	A	.25 x 1.25	CERAMIC	1110 1938
1.000	250	FB	A	.25 x 1.25	GLASS	1343 0939
1.000	250	FB	A	.56 x 2.00	FIBER	1117 6310

FUSES CONTINUED ON NEXT PAGE

## FUSES (CONTINUED)

CURRENT RATING (AMPS)	VOLTAGE RATING (VOLTS)	TYPE	STYLE	DIMENSIONS (IN.)	MATERIAL	PART NO.
1.000	250	FB	B	.25 x 1.25	GLASS	1140 7434
1.000	250	SB	A	.25 x 1.25	GLASS	1323 8126
1.250	125	SB	A	.25 x 1.25	GLASS	1343 0913
1.250	250	SB	A	.25 x 1.25	GLASS	1522 5824
1.250	250	SB	A	.41 x 1.50	-	1029 3181
1.500	250	FB	A	.25 x 1.25	GLASS	1321 8615
1.500	250	SB	A	.25 x 1.25	GLASS	1341 0881
1.600	125	SB	A	.25 x 1.25	GLASS	1341 0907
1.600	250	SB	A	.25 x 1.25	GLASS	1341 0956
2.000	125	SB	A	.25 x 1.25	GLASS	1009 5511
2.000	250	FB	A	.25 x 1.25	CERAMIC	1110 1946
2.000	250	FB	A	.25 x 1.25	GLASS	1321 8631
2.000	250	FB	B	.25 x 1.25	GLASS	1140 7459
2.000	250	SB	A	.25 x 1.25	GLASS	1341 0949
2.000	250	SB	A	.41 x 1.50	-	1341 1004
2.500	125	SB	A	.25 x 1.25	GLASS	1343 1002
2.800	125	SB	A	.25 x 1.25	GLASS	1323 8134
3.000	125	SB	A	.25 x 1.25	GLASS	1001 5998
3.000	250	FB	A	.25 x 1.25	CERAMIC	1110 1953
3.000	250	FB	A	.25 x 1.25	GLASS	1321 8557
3.000	250	FB	B	.25 x 1.25	GLASS	1140 7467
3.200	125	SB	A	.25 x 1.25	GLASS	1341 7720
3.200	250	SB	A	.34 x 1.50	FIBER	1511 7633
4.000	125	SB	A	.25 x 1.25	GLASS	1343 1028
4.000	125	SB	C	.41 x 1.50	FIBER	1102 2985
4.000	250	FB	A	.25 x 1.25	GLASS	1323 8100
4.000	250	SB	A	.41 x 1.50	FIBER	1341 1012
5.000	32	FB	A	.25 x 1.25	GLASS	1321 8573
5.000	125	FB	B	.14 x .30	GLASS	1147 1877
5.000	125	FB	B	.25 x .35	GLASS	1143 1103
5.000	125	SB	A	.25 x 1.25	GLASS	1341 0873
5.000	130	FB	A	.25 x 1.25	GLASS	1147 1398
5.000	250	FB	A	.25 x 1.25	CERAMIC	1341 1061
5.000	250	FB	A	.25 x 1.25	CERAMIC	1080 6495
5.000	250	FB	A	.25 x 1.25	GLASS	1064 7667
5.000	250	SB	A	.41 x 1.50	FIBER	1341 1020
6.000	250	FB	A	.25 x 1.25	CERAMIC	1110 1979
6.000	250	FB	A	.25 x 1.25	GLASS	1343 0954
6.250	125	SB	A	.25 x 1.25	GLASS	1323 8142
6.250	250	SB	A	.41 x 1.50	FIBER	1511 7104
7.000	125	SB	A	.25 x 1.25	GLASS	1323 8159
7.000	250	FB	A	.25 x 1.25	CERAMIC	1080 5919
7.000	250	FB	A	.56 x 2.00	FIBER	1196 9821
8.000	32	SB	A	.25 x 1.25	GLASS	1312 1470
8.000	125	FB	A	.25 x 1.25	GLASS	1112 2082
8.000	250	FB	A	.25 x 1.25	CERAMIC	1341 0980
8.000	250	SB	A	.41 x 1.50	FIBER	1341 1038
10.000	32	SB	A	.25 x 1.25	GLASS	1102 8255
10.000	130	FB	A	.25 x 1.25	CERAMIC	1080 6487
10.000	250	FB	A	.25 x 1.25	CERAMIC	1341 0915
10.000	250	FB	A	.56 x 2.00	FIBER	1196 9839
10.000	250	FB	A	.25 x 1.25	CERAMIC	1110 1995
10.000	250	SB	A	.25 x 1.25	CERAMIC	1082 3565
10.000	250	SB	A	.41 x 1.50	FIBER	1527 9672
10.000	250	SB	A	.41 x 1.50	-	1341 1046
12.000	125	SB	A	.41 x 1.25	FIBER	1525 4378
12.000	250	FB	A	.25 x 1.25	CERAMIC	1341 0964
15.000	32	M	A	.25 x 1.25	GLASS	1101 7795
15.000	125	SB	A	.41 x 1.50	FIBER	1102 0526
15.000	250	FB	A	.25 x 1.25	CERAMIC	1063 3063
20.000	65	FB	A	.25 x 1.25	CERAMIC	1080 6479
20.000	250	FB	A	.41 x 1.50	FIBER	1117 6278
20.000	250	FB	A	.56 x 2.00	FIBER	1100 7499
20.000	250	FB	A	.56 x 2.00	-	1341 1053
20.000	300	SB	A	.41 x 1.41	BAKELITE	1146 8717
25.000	250	FB	A	.56 x 2.00	FIBER	1117 6302

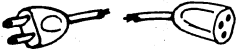
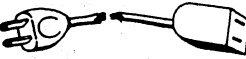

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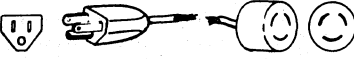
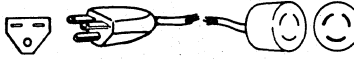
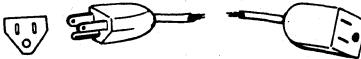
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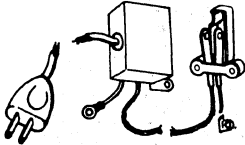
CURRENT RATING (AMPS)	VOLTAGE RATING (VOLTS)	TYPE	STYLE	DIMENSIONS (IN.)	MATERIAL	PART NO.
30.000	125	FB	A	.25 x 1.25	CERAMIC	1080 5901
30.000	250	FB	A	.56 x 2.00	FIBER	1100 7481
35.000	300	SB	A	.41 x 2.25	BAKELITE	1634 8807
45.000	250	SB	A	.41 x 1.50	-	1029 3173
50.000	250	FB	D	.81 x 1.55	FIBER	1107 5132
70.000	250	FB	D	1.22 x 1.62	FIBER	1907 6249
125.000	250	-	-	-	-	1147 2412
150.000	250	FB	D	1.22 x 1.66	FIBER	1107 5124


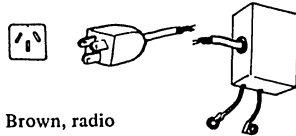
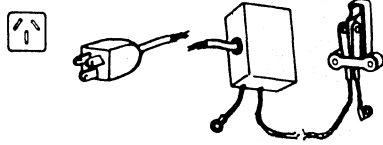


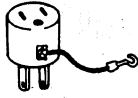
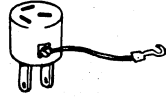
LINE CORDS AND ADAPTERS

2 - WIRE DETACHABLE	PART NO.
 <p>8'6" Gray 202 Formerly 1X78-3 Formerly 1X78-4</p>	1018 0503
 <p>6' Extension</p>	1010 4941
 <p>Plug, for price each</p>	1625 1894
<p>Order package of 10</p>	1625 1886

3 - WIRE DETACHABLE	PART NO.
 <p>8'6" Gray 202 formerly 1-78 No. 3</p>	1010 0675
 <p>10' Gray, includes 1338 9937 receptical</p>	1340 8414
 <p>15' Gray, includes 1338 9937 receptical</p>	1340 8398
 <p>6' Extension</p>	1010 0667

2 - WIRE NON-DETACHABLE	PART NO.
 <p>8'6" Gray 202 Use other connectors as required</p>	1021 1928
 <p>8'6" Brown, radio interference suppression. Includes 1300 7257 switch.</p>	1300 7281

3 - WIRE NON-DETACHABLE	PART NO.
 <p>10' Gray</p>	1525 9450
 <p>8'6" Brown, radio interference suppression.</p>	1300 7315
 <p>8'6" Brown, radio interference suppression. Includes 1300 7257 switch.</p>	1300 7315

ADAPTERS	
 <p>Nemo-parallel Adapter</p>	1027 1526
 <p>Crowfoot Adapter</p>	1027 1518

# WIRE

## INSULATED WIRE — (Specify Quantity in Feet)

NOTE: Orders may be filled with colors other than listed until stock is exhausted.

GAUGE	CONDUCTOR	COLOR	PART NO.
30	Solid	Orange	1356 9520
26	Solid	Red	1142 8075
24	Solid	Yel/Blk	1597 8935
24	Stranded	Yel/Blk	1597 9024
22	Solid	White	1597 9560
22	Stranded	Yel/Blk	1597 9651
20	Solid	White	1597 9685
20	Stranded	Yel/Blk	1597 8505
18	Stranded	Green	1597 9917
16	Stranded	Yel/Blk	1598 0030
14	Stranded	White	1597 8778
12	Stranded	Black	1597 8786
10	Stranded	White	1597 8885
8	Stranded	Black	1645 3078

## UNINSULATED BUS BAR WIRE

(Specify Quantity in Feet)

GAUGE	PART NO.
24	1597 7952
22	1597 7945
20	1597 7929
18	1597 7911
16	1597 7903
10	1597 7887

# SLEEVING

## PLAIN PLASTIC SLEEVING

(Specify Quantity in Feet)

EQUIVALENT WIRE SIZE (GAUGE)	MINIMUM INSIDE DIAMETER	PART NUMBER
24	.020"	1111 6472
22	.025"	1104 9848
20	.032"	1117 8019
18	.040"	1117 8001
16	.051"	1117 7995
14	.064"	1117 7987
12	.081"	1117 7961
10	.102"	1117 7953
8	.129"	1104 9889
6	.162"	1111 6381
4	.204"	1104 9822
2	.258"	1104 9814

## HEAT SHRINKABLE PLASTIC SLEEVING

(Specify Quantity in Feet)

EQUIVALENT WIRE SIZE AFTER SHRINKING	I.D. SHRINKS FROM	PART NUMBER
14 Gauge	1/8" to 1/16"	1111 3834