5. RECTIFIERS

IN ORDER OF (1) PIV, (2) MAX AVG FWD CURRENT
(3) TEMPERATURE, and (4) TYPE No.

—	4	T1	MAX	AVG FWD	MAX		NEU I			IMUM FOR	RWARD	MAX F	REVERSI			RATURE,			RIPTION
INE [	TYPE	PIV	DC C	URRENT	SUR	GE CUR.		MAX.	V0	TAGE DRO	OP.	Ir	lr	TEMP	TEST	RAT	INGS		DWG.
No.	No.		2 lo	3 at TEMP	PEAK 1 Cv			TEMP	Vf	at If	at TEMP	@25℃ & Vr	at T & Vr	Т	VOLT		SLOPE	MAT.	No.
	BVV/15 AAA5	(V)	(A)	(°C)	(A) 40	(s)	(W)	(°C) 150J	(V)	(A)	(°C)	(A)	(A)	(°C)	(V)	(V)	(A/V)		
2♥#	BYX45-600R CTM-26	600 600	1.5	55A 60A	100	10r 10r		150J 140J	1.45	5.0 5.0	25J 25	10u	100u 100u	125J 100	600 600			Si Si∆	DO1
3#	SA2A 1N1120	600 600 t	1.5 1.5	60A 70C\$	100	10r	n	140J 155A	930m .65 Ø	1.5	25A 150	10u	.30mØ	150	600 600	<del> </del>		Si Si	A268 DO4
5	1N5397 1N5397GP	600 600	1.5	70C	50		[	170C	1.4	1.5	70C		.30m	150	600			Si	DO 15 DO 15
7	AE1E	600	1.5 1.5	70A 75A	50 60	8.3m 8.0m	1.0	175A 175A	1.0	1.5 1.5	70A 25	1.0u	300u 50u	150J 100A		<u> </u>		Si Si	DO15
	CTN600 CTP600	600	1.5 1.5	75 75	50 50	10r		175A 175A	1.0	750m 750m	25A 25A	10u 10u	[ ]		600 600			Si Si	M594* M594a*
10	J6 VB600	600	1.5	75A	60	8.0m	1.0	175A	1.0	1.5	25A	1.0u	50u	100A	600	1		Si	DO 15
12#	1R5JZ61	600 600	1.5 1.5	75 100A	50 75	10r		175A 175J	1.0	1.0	25A 25J	10u _10u			600 600			Si Si	M594b* A109e
	60J1 60LA	600 600	1.5	100A 100	100	4.0m		150C 100A	.85	1.5	25A	2.5m 25n			600 600			Si Si	A52 F42
15#	D1.5/600 DA1.5/600	600	1.5	120A	50	§ 10r	n	175J	1.0	1.0	25J		25u	100J	600			Sis	A368
17#	SSiC0840	600 600	1.5 1.6	120A 45A	50 100	§ 10r		175J 180J	1.0 1.0	1.0 3.0	25J 20J	1.Qu	20u	100J	600 600		1.6k	Si§ Si∆	A368 A31v
18 19	1N1234B 1N1224	600	1.6	50\$ 135C	30 20	_		175J	1.2	1.0 2.5	25 25J	10u 500u	.30m 1.5m	150 150J	600 600	ļ	-	Si Si	S25a DO1
20	1N1234 1N1224B	600	1.6	135C	20		ì	175J	1.5	2.5	25J	500u	1.5m	150J	600			Si	S25
21 22	1N1234A	600 t	1.6 1.6	140C 140C	25 20	_		175\$ 175J	1.7	1.2 2.5	25 25J	300uØ 50u	10m∆ .50m	25 150J	600	+	<del>                                     </del>	Si Si	DO1 S25
23 24	1N1544 1N1224A	600 600	1.6 1.6	140C 175J\$	20 20		1	175J 175J	1.5 1.5	2.5 2.5	25J 25J	50u 50u	.50m .50m	150J 150J	600 600		1	Si Si	DO4 DO1
25#	SSIC1140	600	1.9	45A	100	10r		180J	1.0	3.0	20J	1.0u	JOIN	1505	600		<u> </u>	Si∆	A230
26 27	NS2006 1N3940	600 600	2.0	25A	200 60	8.3m 1.0m	1.8	175A	1.2 1.1	2.0 6.0	25A	25u 5.0u∆	.50m	150A	600 600	1.0k	15u∆	Si∆	DO27 DO13
	2SBF60 200R6B	600	2.0 2.0	25 25	50 60	8.3m		150	1.2 2.0	2.0	25 25	10	.50m	25 150	600	650	1.1k	Si Si	M532a
30	AB600	600	2.0	25	15		3.0	175 100	1.25	2.0 1.0	25	5.0u 5.0u			600 600			Si	A3q
	BYW54 F62	600 t	2.0 2.0	25 25A	50 70		n 100 n 2.4	175J 175J	1.0 1.2 ∆	1.0 2.0	25A 25C	1.0u	20u 1.0m	100J 150A	600 600	1.6k		Si§ Si	A368 DO13
33#	F62Z M2G1	600 600	2.0	25A 25	70		n 2.4	175J	1.2 A	2	25A	2.0	1.0m	150A	600	1.0k	-	Si	DO13
35	M2G5	600	2.0 2.0 2.0	25	250 250			175A 175A	.50 .50		150 150	2.0u 10u	5.0m 5.0m	150 150	600			Si Si	A1ep A1ep
	M2G9 UT267	600	2.0	25 25A	250 30	8.3m		175A 175A	.50 1.0	900 🗹	150	10u 2.0u	5.0m 75u	150 100A	600	720	200u	Si Si	A1ep A60
38	UT2060 1S2414	600 600	2.0 2.0	25	60	8.3m	Į	175A	1.0	1.0	25	5.0u	100u	100	600			SiA	A196k
40#	152421	600	2.0	40A 40A	150 150			150J 150J	1.1 1	10	25A 25A	100u 100u	1.0m 1.0m	150J 150J	600	<del> </del>	<del>  -</del>	Si∆ Si∆	A1fn A279
41# 42	SR3AM12 VS648X	600 600	2.0	40A 45	150 35	§ 8.3m 8.3m		150J	1.1 1.5	10 25	25A 25		1.0m 4.0m	150J 135				Si∆	A1fn
43	1N5176	600	2.0	50A	200			175A	1.2 †	2.0	50A		25u	50A	600	<del>                                     </del>		Si	DO27
45	2SB600 B8G5	600 600	2.0 2.0	50 50	50 90	8.3m 8.3m		150 175A	1.0	1.0 2.0	25 25A	10u 5.0u	500u	150	600 600			Si Si	M532a A1rx
	B172-60 K8G5	600 600	2.0 2.0	50 50	60 60			150C 150C	2.0	2.0 2.0	25 25	5.0u	.50m .50m	100 100	600 600			Si	
48	PD60	600	2.0	50A	50			125A	2.0 .90	1.0	25A		.SUM	100				Si Si Si	M40a*
	\$16A HB600	600 600	2.0 2.0	50A 75A	200	10r	n	150C 175C	1.0	3.0 2.0	25A 25A	1.Qu 5.Qu			600 600			Si Si	A1bc A179b
51 52	SRS260 20D6	600	2.0	75 100L	65	8.3m		175A	1.2	2.0	25	5.0u	150u	150	600	ļ	ļ	Si	A340
53#	BY54∆	600	2.1	25C	50 50	8.3m 10r		170J 175J	1.3 1.0	2.0 1.0	25C 25J	10u 500n	10u	100J	600 600	1.0k		Si Si	DO39 A249c
	250R6B GM3A	600	2.5	25 25A	250 80	10r	n	175 175J	1.2	2.5 3.0	25 25 A	10u	1.0m	150	600	+	-	Si Si∆	A249c
56 57	M3G1 M3G5	600 600	2.5 2.5	25	250			175A	.50	0.0	150	5.0u 2.0u	5.0m	150	600			Si	A1ep
58♦	M3G9	600	2.5	25 25	250 250			175A 175A	.50 .50		150 150	10u 10u	5.0m 5.0m	150 150	600	720	200u	Si Si	A1ep A1ep
59# 60 <b>∀</b> #	SL603F U05G	600	2.5 2.5	30A 90L	100	§ 10r		150C 175J	1.05 1.1 †	7.5 2.5	25A 25L	5.0u 10u	110u	100A	600 600			Si∆ Si	DO1 A333b
61 62	1N2530 1N2541	600 600	2.5	150C\$	50			150C	1.2	4.0	25C	4.0u	.50m		600	-		Si∆	DO10
63	1N2552	600	2.5 2.5	150C\$ 150C\$	50 50			150C 150C	1.0 1.5	4.0	25C 25C	1.0u 10u	.10m 1.0m		600 600			Si∆ Si∆	DO 10 DO 10
	BY207 MA60	600	2.5 2.5	150C\$ 150B	50 30			150C 190B	1.2 1.0 ∆	2.5 2.5	25C 150B	4.0u 15u∆	.50m	150C	600			Si∆ Si∆	DO4 DO4
66#	KD202R	600	3.0					130C	1.0	3.0 t	1300	1.0mØ	1.QmØ	120A	600			Sia	S477
68	NS3006 1N2714	600 600	3.0 3.0	25A	300 15	8.3m 8.3m		165A	1.2 2.6	3.0 3.0	25A	25u 200u			600 600			Si	A1eq M126a
69 70	1N2737 1N2762	600	3.0	25A 25A	15 15	8.3m 8.3m		165A 165A	2.6 2.6	3.0 3.0	25A	300u 300u			600 600	<del> </del>		Si Si	M126d M126d
71	1N3983	600	3.0	25A	30	0.5		200A	1.0	.90	25A	10u	.10m	100A	600	ł	l	Si	A60
73	3AF6 300R6B	600	3.0	25A 25	150 250			150C 175	1.2 2.0	3.0	25A 25	300u 10u	1.0m	150	200 600	-		Si Si	A222
75#	AC600 BYW84	600 t	3.0	25A 25	50 80	10n	90	150C 175J	1.0 1.0	3.0 3.0		5.0u 1.0u	20u	100J	600 600	1.6k		Si	A1ey A369
76	HEPROO86-RT HEPROO96-RT	600	3.0	25\$	300	- 101		1751	7.0	5.0	234	, <u>, , , , , , , , , , , , , , , , , , </u>	<u>- vu</u>		555	1.02		Si	M603
78	M4G1	600	3.0 3.0	25 \$ 25	300 250			175† 175A	.50		150	2.0u	5.0m	150	600		<u></u>	Si Si	A179 A1ep
	M4G5 M4G9	600	3.0	25 25	250 250			175A 175A	.50 .50		150 150	10u 10u	5.0m 5.0m	150	600 600	720	200u	Si Si	A1ep A1ep
81	SR\$360	600	3.0	25	125	8.3m	ļ	175A	1.3 †	9.0	25	5.Qu	75u	100	600	120	2000	Si	A340a
83	UT3060 1N5001	600 600 t	3.0	25 40A	300	8.3m		175A 175A	1.0 1.0 t	2.0 3.0	25 75A	5.0u	100u 1.0m	175A	600 600			Si∆ Si	A 196k M 176a
	\$6M3 \$8H3	600 t	3.0	40A 40A	185 162	10n	1	150A 150A	1.0	3.0 3.0	25J 25J	15u 18u	500u 500u	150J 150J	600	ļ		SiA SiA	A52d A52g
86	V326 V336	600	3.0	40A	100	8.3m	500 Ø	150J	1.2	3.0	25A	ıou	100u	150J	600	1.1k		Si	A 1zz
88	V346	600	3.0	40A 40A	100 200		900 Ø	150J 150J	1.2	3.0	25A 25A		100u 100u	150J 150J	600	1.1k		Si	A 1zz
90#	V356 SSiC1240	600 600	3.0	40A 45A	200 100	8.3m 10n		150J 180J	1.1	3.0 3.0	25A 20J	10	100u	150J	600 600			Si Si∆	A1zz A231
91	1N1128 1N4143	600 600 t	3.0	50A	25	5	1	150A	1.1	1.0	25A			150A	600			Si∆	DO4
93#	3JC12	600	3.0 3.0	50A 50A	300 90	8.3m		175A 150J	1.0 1.2	3.0 3.0	50A 25A		200u 1.0	50A 150J	600			Si Si	A1vm S193
94 95#	AS3E BY253	600	3.0 3.0	50A 50A	300 100	8.3m 10n		150A 150J	1.0 1.1	3.0 3.0	25	5.0u			600 600				A1vp DO27
96	HABO60	600	3.0	50	300	8.3m		150A	1.1	3.0	25A 25	20u 5.0u	150u	100	600			Si	A1ez
	S3A6	600	3.0 3.0	50A 50A	100 300	10n 8.3m	ין י	150J 175C	1.1 1.0	3.0 3.0	25C 25A	20u			600 600	1.0k		Si Si	DO27 Aley
99	\$600 1N3365	600 600 t	3.0	50	25		10	175	1.0	1.0	25	5.0u	10.7			600		Si	DO4
	1N5201	600	3.0 3.0	55C 55A	30 300		30 ⊅	200C 175A	1.0 ∆ 1.0	1.0 3.0	55C 55A		10u☑ 7.6m∆	175A				Si Si	S505 A1rv
	3SI6	600	3.0	55 70A	300 100	8.3m 20n	1	150J 175J	1.0 ∆ 1.05	3.0	25 25A	10u 10u			600 600	1.6k	ļ	Si Si	A1xg A333a
02	\$3G60Z	600				2011	*1					100				I.OK	(		A470-0
02 03# 04	\$3G60Z 1N4723	600 600	3.0	75A	300			175A	1.0	3.0	75		1.0m		600	1	(	Si	A 179aØ
02 03# 04 05 06	\$3G60Z 1N4723 3E6 AE3E	600 600	3.0 3.0 3.0			4.0m 4.0m		175A 175A 175A	1.0 1.0 1.0	3.0 3.0 3.0	25	5.0u 5.0u	1.0m 100u	50	600 600	-		Si	A 1vk
02 03# 04 05 06 07	\$3G60Z 1N4723 3E6	600 600	3.0 3.0	75A 75A	300 300		3.0 3.0	175A	1.0	3.0	25	5.Ou		50	600 600				