

5. RECTIFIERS

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

LINE No.	TYPE No.	PIV (V)	MAX AVG FWD DC CURRENT		MAX RATINGS @ 25°C			MAX. TEMP (°C)	MAXIMUM FORWARD VOLTAGE DROP			MAX. REVERSE CURRENT			TEMP TEST VOLT (V)	AVALANCHE RATINGS		DESCRIPTION	DWG. No.
			2 Io (A)	3 at TEMP (°C)	PEAK 1 Cy (A)	PULSE WIDTH (s)	DISS. (W)		Vf (V)	at If (A)	at TEMP (°C)	Ir @ 25°C & Vr (A)	Ir at T & Vr (A)	TEMP T (°C)		MAX V BKDN. (V)	MIN SLOPE (A/V)		
1	AE1B	100	1.5	75A	60	8.0m	1.0	175A	1.0	1.5	25	1.0u	50u	100A	100			Si	DO15
2	CTN100	100	1.5	75	50	10m		175A	1.0	750m	25A	10u		100	100			Si	M594*
3	CTP100	100	1.5	75	50	10m		175A	1.0	750m	25A	10u		100	100			Si	M594a*
4	J1	100	1.5	75A	60	8.0m	1.0	175A	1.0	1.5	25A	1.0u	50u	100A	100			Si	DO15
5	VB100	100	1.5	75	50	10m		175A	1.0	3.0	25A	10u		100	100			Si	M594b*
6	1N1115	100	1.5	85C	15			170A	.65	1.5	150		.40m	150	100			Si	DO4
7	1N1053	100	1.5	100A	60	4.0m		150A	1.5	1.5	25A	1.0m		100	100			Si	A167v
8	1N1085	100	1.5	100A	60	4.0m		150A	1.5	1.5	25A	2.0m		100	100			Si	F22h
9	1N1450	100	1.5	100C				190J	1.0	2.4	150C		5.0m	25C	100			Si	S41a
10	1N1617	100	1.5	100A	100	4.0m		100A	1.2	1.5	25		5.0m	25	100			Si	A52
11#	1R5BZ61	100	1.5	100A	75	10m		175J	1.0	1.5	25J	10u		100	100			Si	A109e
12	1N1446	100	1.5	120C				175J	1.3	1.8	25A		2.0m	25C	100			Si	S41b
13	S91B	100	1.6	25	25				1.2	.25	25	1.0m		100	100			Si	A54
14	1N1228B	100	1.6	50	30				1.2	1.0	25	10u	300u	150	100			Si	S25a
15	1N1218	100	1.6	135C	20			175J	1.5	2.5	25J	500u	1.5m	150J	100			Si	DO1
16	1N1228	100	1.6	135C	20			175J	1.5	2.5	25J	500u	1.5m	150J	100			Si	S25
17	1N1218B	100	1.6	140C	25			175	1.7	1.3	25	300u	10m	25	100			Si	DO1
18	1N1228A	100	1.6	140C	20			175J	1.5	2.5	25J	50u	50m	150J	100			Si	S25
19	1N1538	100	1.6	140C	20			175J	1.5	2.5	25J	50u	50m	150J	100			Si	DO4
20	1N1218A	100	1.6	175J	20			175J	1.5	2.5	25J	50u	50m	150J	100			Si	DO1
21	NS2001	100	2.0		200	8.3m			1.2	2.0		25u		100	100			Si	DO27
22#	R210	100	2.0		50		2.5	200J	1.2	2.0		100u	1.0m	100	100			Si	DO1
23	SK3105-RT	100	2.0		75													Si	*
24	200R1B	100	2.0	25	60			175	2.0	2.0	25	5.0u	.50m	150	100			Si	
25	AB100	100	2.0	25	15		3.0	100	1.25	1.0	25	5.0u		100	100			Si	A3q
26#	F12	100	2.0	25A	70	10m	2.4	175J	1.2	2.0	25C		1.0m	150A	100			Si	DO13
27	M2B1	100	2.0	25	250			175A	.50		150	2.0u	5.0m	150	100			Si	A1ep
28	M2B5	100	2.0	25	250			175A	.50		150	10u	5.0m	150	100			Si	A1ep
29#	M2B9	100	2.0	25	250			175A	.50		150	10u	5.0m	150	100			Si	A1ep
30	UR210	100	2.0	25A	25	8.3m		175A	1.0	2.0	25A	3.0u	.05m	100A	100			Si	A146f
31	UT261	100	2.0	25A	30	8.3m	4.0	175A	1.0	.90	25A	2.0u	75u	100A	100			Si	A60
32	UT2010	100	2.0	25	60	8.3m		175A	1.0	1.0	25	5.0u	100u	100	100			Si	A196k
33#	1S2409	100	2.0	40A	150	8.3m		150J	1.1	1.0	25A	100u	1.0m	150J	100			Si	A1fn
34#	1S2416	100	2.0	40A	150	8.3m		150J	1.1	1.0	25A	100u	1.0m	150J	100			Si	A279
35#	S2VB10	100	2.0	40A	40			150J	1.05	1.0	25	10u		25	100			Si	C188
36#	S2VC10	100	2.0	40A	40			150J	1.05	1.0	25A	10u		25A	100			Si	C190
37#	SR3AM2	100	2.0	40A	150	8.3m		150J	1.1	1.0	25A	100u	1.0m	150J	100			Si	A1fn
38#	BY296	100	2.0	45	70	10m		150J	1.3	3.0	25	10u		25	100			Si	DO13
39	1N5172	100	2.0	50A	200			175A	1.2	2.0	50A		25u	50A	100			Si	DO27
40	2SB100	100	2.0	50	50	8.3m		150	1.0	1.0	25	10u		100	100			Si	M532a
41	B8B5	100	2.0	50	90	8.3m		175A	1.0	2.0	25A	5.0u	500u	150	100			Si	A1rx
42	B172-10	100	2.0	50	60			150C	2.0	2.0	25	5.0u	.50m	100	100			Si	
43	K8B5	100	2.0	50	60			150C	2.0	2.0	25	5.0u	.50m	100	100			Si	
44	PD10	100	2.0	50A	50			125A	.90	1.0	25A	5.0u		100	100			Si	M40a*
45	SL1A	100	2.0	50A	80	10m		150C	1.0	3.0	25A	1.0u		100	100			Si	A1bc
46	DBD101	100	2.0	60	400	8.3m		175J	1.25	100	175J	100u	1.0m	150J	100			Si	M778
47	HB100	100	2.0	75A	200			175C	1.0	2.0	25A	5.0u		100	100			Si	A179b
48	SRS210	100	2.0	75	65	8.3m		175A	1.2	2.0	25	5.0u	150u	150	100			Si	A340
49	1N1085A	100	2.0	100A	100	4.0m		100A				25n		100	100			Si	F42
50	20D1	100	2.0	100L	50	8.3m		170J	1.3	2.0	25C	10u		100	100			Si	DO39
51	250R1B	100	2.5	25	250			175	2.0	2.5	25	5.0u	.50m	150	100			Si	
52#	A14A	100	2.5	25	50	8.3m		175J	1.0	1.0	25J	5.0u	300u	175J	100			Si	A94g
53	M3B1	100	2.5	25	250			175A	.50		150	2.0u	5.0m	150	100			Si	A1ep
54	M3B5	100	2.5	25	250			175A	.50		150	10u	5.0m	150	100			Si	A1ep
55#	M3B9	100	2.5	25	250			175A	.50		150	10u	5.0m	150	100			Si	A1ep
56#	SL103F	100	2.5	30A	100			150C	1.05	7.5	25A	5.0u	110u	100A	100			Si	DO1
57#	1SR18-10Q	100	2.5	40A	120			150J	1.05	1.2	25A	10u		25A	100			Si	M594d
58#	U05B	100	2.5	90L	100	10m		175J	1.1	2.5	25L	60u		100	100			Si	A333b
59	1N2525	100	2.5	150C	50			150C	1.2	4.0	25C	4.0u	.50m	150C	100			Si	DO10
60	1N2536	100	2.5	150C	50			150C	1.0	4.0	25C	1.0u	.10m	150C	100			Si	DO10
61	1N2547	100	2.5	150C	50			150C	1.5	4.0	25C	10u	1.0m	150C	100			Si	DO10
62#	S3V10	100	2.6	40A	120			150J	1.05	2.6	25	5.0u		25	100			Si	A344k
63#	S4VB10	100	2.6	40A	80			150J	1.05	2.0	25A	10u		25A	100			Si	C188a
64#	KD202V	100	3.0					130C	1.0	3.0	1	1.0m	1.0m	120A	100			Si	S477
65	NS3001	100	3.0		300	8.3m			1.2	3.0		25u		100	100			Si	A1eq
66	1N2702	100	3.0	25A	15	8.3m		165A	1.3	3.0	25A	200u		100	100			Si	M125
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