

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		DISS. (W)	MAX. TEMP. (°C)	MAXIMUM FORWARD VOLTAGE DROP			MAX. REVERSE CURRENT			AVALANCHE RATINGS		DESCRIPTION	DWG. No.	
			2 I _o (A)	3 I _{at} (A)	PEAK 1 Cy (A)	PULSE WIDTH (s)			V _f (V)	I _f (A)	at 25°C (V)	I _r (A)	I _r & V _r (A)	TEMP (°C)	TEST VOLT V _r (V)	MAX V BKDN. (V)			MIN SLOPE (A/V)
1	SCPP2	500	11	55A	300			150A	1.0	3.0	25A	110u	200u	100A	500		Si	M496	
2	SL500	500	12	50A	300			175C	1.4	12	25A		2.0m	150A	500		Si	D04	
3	ST2-50	500	12	50A	260			175C	1.3	12	25A		5.0u	25A	500		Si	S187c	
4	A129E	500	12	64	150	8.3m		125	1.55	12	64		6.0m	125	500		Si	D04	
5	50J3P	500	12	100A	150	4.0m		100A	1.3			2.5m			500		Si	S23	
6#	IS2439	500	12	120C	200	8.3m		150J	1.2	40	25C		1.5m	150J	500		Si	S249a	
7#	SR10A10	500	12	120C	200	8.3m		150J	1.52	35	25C		3.0m	150J	500		Si	S19t	
8#	SR10L10S	500	12	120C	200			150J	1.2	40	25C		1.5m	150J	500		Si	S249a	
9	1N1205	500*	12	150C	100		18	190J	1.4	20	25J	10u			500		Si	S27	
10	1N1205A	500	12	150B	240			150B	1.3	12			3.0m	150A	500		Si	D04	
11	1N1205B	500	12	150C	250			150B	1.1	12			1.0m	150A	500		Si	D04	
12	1N2581	500	12	150C	250			150C	1.2	20	25C	8.0u	1.0m	150C	500		Si	DO10	
13	1N2592	500	12	150C	250			150C	1.0	12		2.0u	2.0m	150C	500		Si	DO10	
14	1N2603	500	12	150C	250			150C	1.5	20	25C	20u	2.0m	150C	500		Si	DO10	
15	E7H3	500	12	150	200			175	1.3	12	150	10u	1.0m	150	500		Si	D04	
16	MR1125	500	12	150C	300	8.3m		190J	1.0	12	25C	500u			500		Si	D04	
17	R3100512	500	12	150	240	8.3m	15	200	1.3	12	25				500		Si	D04	
18	S20450	500	12	150C	200	8.3m		190J	1.2	30	25C		5.0m	170C	500		Si	S488	
19	12F50	500	12	155B	65			190B					3.0m	150	500		Si	D04	
20#	5M50	500	15	79B	300	10m		130A	1.3	50	130J		5.0m	500	500		Si	S193a	
21#	1S2433	500	15	115C	200	8.3m		150J	1.2	40	25C		1.5m	150J	500		Si	C112	
22#	SR10N10S	500	15	115C	200			150J	1.2	40	25C		1.5m	150J	500		Si	C112	
23	368K	500	15	125C	240	8.3m		180J	1.3	15	25C		2.0m	130C	500		Si	D04	
24	1N3213	500	15	150C	350			175A	1.5	40	75	1.0u	1.0m	150	350		Si	S4h	
25	VS500	500	15	150C	250			175A	1.5	15	25A	1.0u			500		Si	S21b	
26	S2050	500	16	126C	200	8.3m		190J	1.3	30	25C		1.0m	150C	500	600	Si	S488	
27	1N3621	500	16	150C	300	8.3m		200C	1.2	16	150C		1.2m	150C	500		Si	D04	
28	S5978G,9G	500	18					150C	1.2						500		Si	A1ss#	
29#	S5BR8	500%	18	120B	188		18	140B	.60	18	25		10m	125	500		Si	S122a	
30	V500	500	18	150C	300	10m		175A	1.2	25	25A		4.0m	150A	500		Si	DO21	
31#	1N3380	500	20	100C	200	8.3m		200C	1.0	20	100C	1.0m	315u	100C	500		Si	M959	
32	A40E	500	20	110C	300			175J	750m	15	150J		1.0m		500		Si	S88	
33	A44E	500	20	110C	300			175J	1.2	20	25J	1.0m	4.5m	150J	500		Si	M70Z	
34#	21R55	500	20	120C	400			175	1.6	100	25J	6.0m	8.0m	132C	500		Si	S102	
35#	2DN50	500	20	132C	250	10m		150J	1.6	125	80C	3.0m	8.0m	132C	500		Si	S96c	
36	1N1197A	500	20	150C	350			175C	.60	20	25		2.2m	150C	500		Si	DO5A	
37	1N2284	500	20	150C	400	8.3m		150C	1.5	50	25C		5.0m	150C	500		Si	DO5	
38#	S5AN21	500	20	200B	150			250J	510m	20		3.0m			500		Si	S324	
39	HSE8065-RT	500	22	25	350	8.3m	50	175C	950m	35	150C		4.5m	150C	350		Si	DO5	
40	S2150	500	22	131C	250	8.3m		190J	1.2	30	25C		1.0m	150C	500	600	Si	S488	
41	R4100522	500	22	150	500	8.3m	50	200	2.0	22	25				500		Si	DO5	
42	S25A50	500	25	55	300	8.3		150	1.0	3.0	25	10u	100u	100	50		Si	M542	
43	A139E	500	25	75	400	8.3m		125	1.85	25	75		6.0m	125	500		Si	DO5	
44	J527-5A	500	25	100C	300	8.3m		175C	1.0	3.0	25C	25u	250u	100C	500		Si	M947a*	
45	J527-5C	500	25	100C	300	8.3m		175C	1.0	3.0	25C	25u	250u	100C	500		Si	M947b*	
46	J527-5D	500	25	100C	300	8.3m		175C	1.0	3.0	25C	25u	250u	100C	500		Si	M947c*	
47	TJ132-5A	500	25	100C	300	8.3m		175A	1.2	15	25A	25u	250u	100A	500		Si	C199a	
48	TJ132-5C	500	25	100C	300	8.3m		175A	1.2	15	25A	25u	250u	100A	500		Si	C199b	
49	TJ132-5D	500	25	100C	300	8.3m		175A	1.2	15	25A	25u	250u	100A	500		Si	C112	
50#	SR20N10S	500	25	120C	400	8.3m		150J	1.2	80	25C		1.5m	150J	500		Si	S249b	
51#	SR25B10S	500	25	120C	600	8.3m		150J	1.2	80	25C		3.0m	150J	500		Si	S249b	
52	MR327	500	25	130C	300	8.3m	40	175J	1.5	100	25J	1.0m	3.0m	150C	500		Si	DO21	
53	1N1197	500	25	145C	125		30	190J	1.4	30	25J	10u			500		Si	S29	
54	1N2159	500*	25	145B	400			200J	.60	25	145B		2.5m	145B	500		Si	DO5	
55	S25A5	500	25	145C	400	8.3m		175A	1.1	25	25C		2.0m	100	500		Si	DO5	
56	1N3664	500	30	100C	400	8.3m		175C	1.2	25	100C	3.0m	25m	100C	500		Si	DO21	
57#	3DN50	500	30	122C	500	10m		150J	1.4	125	80C		12m	122C	500		Si	S96c	
58	F3H3	500	30	124C	300			190C	1.3	90	25C		1.0m	150C	500		Si	DO5	
59	S3150	500	30	124C	300	8.3m		190J	1.3	90	25C		1.0m	150C	500	600	Si	S488a	
60	G3H3	500	30	150C	1.5k			175J	1.3	200	25C		5.0m	150C	500		Si	DO8	
61	HEPRO256-RT	500	35	25	400			190t							500		Si	DO5	
62	ST4-50	500	35	135C	500			175J	1.20	35	25		10m	140C	500	550	Si	S187d	
63	1N1189	500	35	140C	500	8.3m		190C	1.7	35	140C				500		Si	DO5	
64	F4H3	500	37	123C	600			190C	1.2	90	25C		2.0m	150C	500		Si	DO5	
65	S3250	500	37	123C	600	8.3m		190J	1.2	90	25C		2.0m	150C	500	600	Si	S488b	
66#	10M50	500	40	104B	800	10m		130A	1.2	120	130J		10m		500		Si	S4s	
67#	4DN50	500	40	115C	700	10m		150J	1.25	125	80C	3.0m	12m	115C	500		Si	S96c	
68	S40A5	500	40	125C	500	8.3m		175A	1.1	40	25C		2.0m	100	500		Si	DO5	
69#	1N1189T	500	40	140C	700	10m		175J	1.5	110	25C		5.0m	150C	500		Si	DO5	
70	40HF50	500	40	140C	500			180J	1.4	40	25J	15u	7.0m	140C	500		Si	S21h	
71	1N1189A	500	40	150C	800		68	200C	.65	40	150C		2.0m	150	500		Si	DO5	
72	G4H3	500	40	150C	1.5k			175J	1.3	200	25C		5.0m	150C	500		Si	DO8	
73	R4100540	500	40	150	800	8.3m	25	200	1.2	40	25				500		Si	S488b	
74	S30450	500	40	154C	800	8.3m		190J	1.2	100	25C		10m	190C	500		Si	S322a	
75#	S5GN41	500	40	200B	490	10m	52	250J	1.4	125	250J		20m	250J	500		Si	S4t	
76	1N2454	500	45	60C	300			175B	1.1	20	25		5.0m	150B	500		Si	DO5	
77	F5H3	500	45	122C	700			190C	1.15	90	25C		2.0m	150C	500		Si	DO5	
78	S3450	500	45	122C	700	8.3m		190J	1.15	90	25C		2.0m	150C	500	600	Si	S488b	
79	S5A50	500	50	55A	1.0k			190J	1.2	50	25A		5.0m	25A	500		Si	DO5	
80	1N1686	500	50	150C	700	8.3m		165C	1.2	1.1	150C		25m	150C	500		Si	S8q	
81	1N2466	500	60	60C	450			175B	1.1	30	25		5.0m	150B	500		Si	DO5	
82	1N2137	500	60	115C	700			175C	1.4	60	115C	100u							