

5. RECTIFIERS

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

LINE No.	4 TYPE No.	1 PIV (V)	MAX AVG FWD DC CURRENT		MAX RATINGS @ 25°C			MAXIMUM FORWARD VOLTAGE DROP			MAX. REVERSE CURRENT			AVALANCHE RATINGS		DESCRIPTION	DWG. No.		
			2 Io (A)	3 Ia (A)	PEAK 1 Cy (A)	PULSE WIDTH (s)	DISS. (W)	MAX. TEMP (°C)	Vf (V)	at If (A)	at Temp (°C)	Ir @ 25°C (A)	Ir at T & Vr (A)	TEMP T (°C)	TEST VOLT Vr (V)			MAX V BKDN. (V)	MIN SLOPE (A/V)
			TEMP (°C)																
1	100R10B	1.0k	1.0	25	60		175	2.0	1.0	25	5.0u	50m	150	900			Si		
2	A5M1	1.0k	1.0	25	60		175A	50		150	1.0u	50m	150	1.0k			Si	A84a	
3	A5M5	1.0k	1.0	25	60		175A	50		150	5.0u	50m	150	1.0k			Si	A84a	
4	A5M9	1.0k	1.0	25	60		175A	50		150	1.0u	50m	150	1.0k	1.2k∅	200u	Si	A84a	
5	B5M1	1.0k	1.0	25	60		175A	50		150	1.0u	50m	150	1.0k			Si	A1rx	
6	B5M5	1.0k	1.0	25	60		175A	50		150	5.0u	50m	150	1.0k			Si	A1rx	
7	B5M9	1.0k	1.0	25	60		175A	50		150	1.0u	50m	150	1.0k	1.2k∅	200u	Si	A1rx	
8	B223-10	1.0k	1.0	25	60		175A	50		150	5.0u	50m	150A				Si	A1rx	
9	E10HZ	1.0k	1.0	25A	30	10m	150J	1.2	1.0	25A				1.7k			Si	DO29	
10	E101	1.0k	1.0	25A	30	10m	150J	1.2	1.0	25C			200u	125A			Si	DO29	
11	EM510	1.0k	1.0	25	50			1.1	1.0	25	1.0u		100A				Si	A1bg	
12	PTC203-RT	1.0k	1.0	25	30			1.0	1.0	25	1.0u						Si	A1bc	
13	UT347	1.0k	1.0	25A	20	8.3m	4.0	1.0	4	25A	2.0u	75u	100A				Si	A60	
14	1N3252	1.0k	1.0	50A	20		175S	1.1	1.0	50A		250u	50A				Si	A1cs	
15	1N4586	1.0k	1.0	50A	50		175A	1.0	1.0	25	1.0u	25m	150A				Si	DO29	
16	1NE11	1.0k	1.0	50C	50	10m	150J	1.2	6.0	25J		400u	150J		1.5k		Si	A299	
17	1S850	1.0k	1.0	50	50	10m		1.0	1.0	25A		50m	150J				Si	A200	
18	1S2274	1.0k	1.0	50	35	10m	175J	1.2	1.0	25	5.0u						Si		
19	AA1000	1.0k	1.0	50	15		100	90	1.0	25	5.0u						Si	A3p	
20	BY37	1.0k	1.0	50A	50		150J	1.3	2.0	25J							Si	DO13	
21	EM10	1.0k	1.0	50	75	5	175	1.1	1.0	25	2.0u	50u	100	1.1k			Si	DO41	
22	HA1000	1.0k	1.0	50	15		175	90	1.0	25	5.0u						Si	DO3	
23	K5M5	1.0k	1.0	50	60		150C	2.0	1.0	25	5.0u	50m	100C				Si		
24	P1000	1.0k	1.0	50A	50	10m	175J	1.0	1.0	25	10u						Si	DO29	
25	SMB10	1.0k	1.0	50A	45	10m	125J	1.0	1.0	25	10u						Si		
26	1N4249	1.0k	1.0	55A	25	8.3m	160A	1.2	1.0	55A	1.0u	25u	125	1.0k			Si	A1tc	
27	1N4249GP	1.0k	1.0	55	25	8.3m	160A	1.2	1.0	25	1.0u	25u	125	1.0k			Si	DO41	
28	B588-10	1.0k	1.0	55	25			5.0	1.0	55	5.0u	200u	100	1.0k			Si	A69s	
29	BA223-10	1.0k	1.0	55	25			5.0	1.0	55	5.0u	200u	100	1.0k			Si	A1rx	
30	F10	1.0k	1.0	55A	70			1.1	1.0	25A					1.1k		Si	A3r	
31	SOA	1.0k	1.0	55A	50	8.3m	200A	1.2	1.0	25A	1.0u	25u	100	1.0k	1.4k		Si	A248e	
32	SCA10	1.0k	1.0	55	50		175	1.2	1.0	25	1.0u	50m	125	1.0k	1.4k		Si	A1bs	
33	MB-1C	1.0k	1.0	60A	100	10m	140J	1.1	1.5	25A	1.0u						Si	A363	
34	SB2C	1.0k	1.0	60A	100	10m	150J	1.1	1.5	25A	10u						Si	A268	
35	1S1830	1.0k	1.0	65A	45	10m	125J	1.2	1.5	25A	10u	400u	150J	1.0k			Si	DO15	
36	1N3761	1.0k	1.0	70A	30		150A	1.0	1.5	25	5.0u			1.0k			Si	A1cm	
37	SPD5063	1.0k	1.0	70A	50	8.3m	175J	1.0	1.0	25A	5.0u	150u	100J	1.0k			Si	A333	
38	1N3957GP	1.0k	1.0	75	30	8.3m	175A	1.0	1.0	25	1.0u	300u	150	1.0k			Si	DO41	
39	1N4007	1.0k	1.0	75A	30	8.3m	175A	1.6	1.0	75A	10u	300u	75A	1.0k			Si	DO41	
40	1N4007P	1.0k	1.0	75A	30	8.3m	175A	1.6	1.0	75A	10u	300u	75A	1.0k			Si	DO15	
41	5MA10	1.0k	1.0	75	50	5	170J	920m	1.0	25	10u	200u	100	1.0k			Si	F29	
42	10D10	1.0k	1.0	75A	50		150J	950m	1.0	25	10u	50u	100	1.0k			Si	DO39	
43	BA5M5	1.0k	1.0	75	30		175	1.3	1.0	25	10u			1.0k			Si	A1rx	
44	CB100#	1.0k	1.0	75	50	8.0m	175A	1.1	1.0	25A	2.0u	50u	100	1.0k			Si	A1bg	
45	EM410A	1.0k	1.0	75A	50	10m	150	600m	1.0	25A	5.0u	50u	100J	1.0k			Si	DO15	
46	EM513	1.0k	1.0	75	50	10m	175J	1.1	1.0	25A	5.0u						Si	A1bg	
47	GER4007	1.0k	1.0	75	30		175	1.1	1.0	25	100u						Si	A248b	
48	HEPRO056-RT	1.0k	1.0	75A	30		175J										Si	DO41	
49	PL10HZ	1.0k	1.0	75A	50	10m	150J	1.1	1.0	25C		50u	100C	1.0k	1.7k		Si	A1bg	
50	S10100	1.0k	1.0	75A	35	8.3m	175A	500m∅	250m	150A	5.0u	500u	150A	1.0k	1.8k		Si	A374	
51	SRS1100	1.0k	1.0	75	50	8.3m	175A	1.2	1.0	25	5.0u	150u	150	1.0k			Si	A340	
52	1S2610	1.0k	1.0	80A	45		165J	1.0	1.0	25	5.0u		100	1.0k	1.2k		Si	A249a	
53	F14J	1.0k	1.0	80A	45		165J	1.0	1.0	25	5.0u		100	1.0k			Si	A249a	
54	1NZ61	1.0k	1.0	100A	30	10m	175J	1.2	1.5	25J	10u			1.0k			Si	A109e	
55	A5M2	1.0k	1.0	100A	45		200A	1.0	.75	25	1.0u	20m	150	1.0k			Si	A84	
56	A14P	1.0k	1.0	100	50	8.3m	175J	1.0	1.0	25J	5.0u	200u	165J	1.0k	1.2k		Si	A94g	
57	A1000	1.0k	1.0	100	60	10m		1.0	1.0	25				1.0k			Si	A1by	
58	ER407	1.0k	1.0	100	50		175	1.0	1.0	25	1.0u	50u	100	1.0k			Si	DO41	
59	M100M	1.0k	1.0	100	50		175	1.1	1.0	25	1.0u			1.0k			Si	DO41	
60	MP407	1.0k	1.0	100	50		170J	1.1	1.0	25A	1.0u	75u	100A	1.0k			Si	DO41	
61	MR1000	1.0k	1.0	100A	50	8.0m	150A	1.0	1.0	25A	2.0u	20u	100	1.0k			Si	A1dk	
62	R1000	1.0k	1.0	100	50	5	150A	1.0	1.0	25	2.0u	100u	100	1.0k			Si		
63	SI1000E	1.0k	1.0	100A	50		150C	1.0	1.0	25A	5.0u			100			Si	DO27	
64	SM101	1.0k	1.0	100	45		200	1.0	1.2	25	1.0u			1.0k			Si	A84	
65	SM520	1.0k	1.0	100	45		150	1.0	1.0	25	1.0u			1.0k			Si	A84	
66	1N3650	1.0k	1.0	150C	25	8.3m	175C	1.1	1.0	25C	5.0u	200u	150C	1.0k			Si	DO42	
67	HC73	1.0k	1.1	25A	50	2.0m	150A	1.2	1.1	100A	10u	200u	100A	1.0k			Si	DO27	
68	SSI80880	1.0k	1.1	45A	50	10m	160J	1.0	2.0	25J	1.0u			1.0k			Si	A3v	
69	SSI1780	1.0k	1.1	45A	100	10m	150J							1.0k			Si	M441	
70	HC73F	1.0k	1.1	50A	50	8.0m	175A	1.2	1.1	25	10u			1.0k			Si	F29	
71	MH73	1.0k	1.1	50	50	8.3m	175	1.2	1.5	25	10u			1.0k			Si	A3h	
72	A6M1	1.0k	1.2	25	60		175A	50		150	1.0u	50m	150	1.0k			Si	A84a	
73	A6M5	1.0k	1.2	25	60		175A	50		150	5.0u	50m	150	1.0k			Si	A84a	
74	A6M9	1.0k	1.2	25	60		175A	50		150	10u	50m	150	1.0k	1.2k∅	200u	Si	A84a	
75	B6M1	1.0k	1.2	25	60		175A	50		150	1.0u	50m	150	1.0k			Si	A1rx	
76	B6M5	1.0k	1.2	25	60		175A	50		150	5.0u	50m	150	1.0k			Si	A1rx	
77	B6M9	1.0k	1.2	25	60		175A	50		150	10u	50m	150	1.0k	1.2k∅	200u	Si	A1rx	
78	UT363	1.0k	1.2	25A	20	8.3m	175A	1.0	.50	25A	2.0u	75u	100A	1.0k			Si	A60	
79	EC100	1.0k	1.2	50A	75	8.0m	150A	1.2	1.2	25A	2.0u	10m	100A	1.0k			Si	A3aa	
80	K6M5	1.0k	1.2	50	80		150C	2.0	1.2	25	5.0u	50m	100C	1.0k			Si		
81	RA-2C	1.0k	1.2	50A	100	10m	130J	930m	1.5	25A	10u			600			Si	A364	
82	RM2C	1.0k	1.2	50	100	10m	130	910m	1.5	25	10u			1.0k			Si	A3441	
83	1S1892	1.0k	1.2	85A	80		175J	1.2	1.5	25A				1.0k			Si	A56b	
84	F101	1.0k	1.25	2															