

# 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 to	3 at TEMP (°C)	PEAK 1 Cy	PULSE WIDTH (s)	Vf (V)	at If (A)			at TEMP (°C)	Ir @ 25°C (A)	Ir at Vr & Vr (A)	TEMP T (°C)	TEST VOLT Vr (V)	MAX V BKN. (V)	MIN SLOPE (A/V)				
																		20	25		
1#	S4AN21	400	20	200B	150	8.3m	50	250J	510m	20	3.0m	4.5m	150C	400					S324Z		
2	HSE8064-RT	400	22	25	350	8.3m	50	175C	950m	35	150C	250	280						DO5		
3	1N2785	400	22	40A	200			175C	1.5	25	25C	150C	400						DO4Z		
4	MR754	400	22	60	400			175J	1.25	100	25J	100J	400						A264		
5	1N3965	400	22	120C	200			150A	.60	26	25A	150C	400						DO4A#		
6	S2140	400	22	131C	250	8.3m	50	190J	1.2	30	25C	150C	400						S488Z		
7	R4100422	400	22	150	500	8.3m	50	200	2.0	22	25	150C	400						DO5		
8	1N1457	400	25	150	300	8.3m	50	190J	1.5	25	25J	150C	400						M56d		
9	1N3495	400	25	25C	300	8.3m	50	175C	1.7	18	150C	150C	400						DO21		
10#	DS117-04A	400	25	45A	250	10m		180J	1.36	55	25A	2.0m	180J	400					S4v		
11#	25GC12	400	25	50A	600			150J	1.2	25	25A	6.0	150J	400					S19n		
12	S25A40	400	25	55	300	8.3		150	1.0	3.0	25	100u	100	50					M542		
13#	4AF4	400	25	60A	350	10m	80	190J	.95	25	3.0m	150J	400						M324b#		
14#	4AF4LV	400	25	60A	350	10m	80	190J	.95	25	3.0m	150J	400						M324d#		
15#	DS17-04A	400	25	100C	250	10m		180A	1.36	55	25J	2.0m	180J	400					S4VZ		
16	J527-4A	400	25	100C	300	8.3m		175C	1.0	3.0	25C	25u	250u	100C	400				M947a*		
17	J527-4C	400	25	100C	300	8.3m		175C	1.0	3.0	25C	25u	250u	100C	400				M947b*		
18	J527-4D	400	25	100C	300	8.3m		175C	1.0	3.0	25C	25u	250u	100C	400				M947*		
19#	SKN20/04	400	25	100C	375	10m		180J	1.55	60	25J	150u	150J	400					S171sZ		
20#	SKN26/04	400	25	100C	375	10m		180J	1.55	60	25J	150u	150J	400					DO4Z		
21	TJ132-4A	400	25	100C	300	8.3m		175A	1.2	15	25A	25u	250u	100A	400				C199a		
22	TJ132-4C	400	25	100C	300	8.3m		175A	1.2	15	25A	25u	250u	100A	400				C199		
23	TJ132-4D	400	25	100C	300	8.3m		175A	1.2	15	25A	25u	250u	100A	400				C199b		
24	VTA400	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M560a*		
25	VTA400S	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				S458a*		
26	VTA400T	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M864a*		
27	VTB400	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M560b*		
28	VTB400S	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				S458b*		
29	VTB400T	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M864b*		
30	VTC400	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M560c*		
31	VTC400S	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				S458c*		
32	VTC400T	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M864c*		
33	VTD400	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M560d*		
34	VTD400S	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				S458d*		
35	VTD400T	400	25	100C	250	8.3m	4.0	180J	1.5	25	25C	5.0m	180C	400	900				M864d*		
36#	M25-400	400	25	120C	300	10m		175S	1.3	75	25C	50u	1.0m	175C	400				S436Z		
37#	SR20N8S	400	25	120C	400	8.3m		150J	1.2	80	25C	3.0m	150J	400					C112Z		
38#	SR25B8S	400	25	120C	600	8.3m		150J	1.2	80	25C	3.0m	150J	400					S249bZ		
39#	4AF4LH	400	25	140A	350	10m	80	190J	.95	25	3.0m	150J	400						M324c#		
40#	4AF4PLH	400	25	140B	400	10m		190	.55	25	2.0m	150B	400						M324c		
41#	4AF4PLV	400	25	140B	400	10m		190	.55	25	2.0m	150B	400						M324d		
42#	4AF4PPE	400	25	140B	400	10m		190	.55	25	2.0m	150B	400						M324eZ		
43#	4AF4PPP	400	25	140B	400	10m		190	.55	25	2.0m	150B	400						M324eZ		
44	1N1196	400	25	145C	125		30	190J	1.4	30	25J	10u	150B	400					S29		
45	1N2158	400	25	145B	400			200J	.60	25	145B	3.0m	145B	400					DO5Z		
46#	DD6126H	400	25	145C	400	10m	30	175C	1.3	25	20J	10u	500u	150C	400				M776Z		
47#	DD6126S	400	25	145C	400	10m	30	175C	1.3	25	20J	10u	500u	150C	400				M775aZ		
48#	DD6126V	400	25	145C	400	10m	30	175C	1.3	25	20J	10u	500u	150C	400				M777Z		
49	S25A4	400	25	145C	400	8.3m		175A	1.1	25	25C	2.0m	100	400					DO5		
50	MR2504	400	25	150C	400			175J	1.18	78	25C	100u	500u	100C	400				M867		
51	MR2504S	400	25	150C	600			175J	1.15	79	25J	100u	500u	100C	400				S461		
52	1N1437	400	30	25B	160		1	175A	1.2	60	25	5.0m	150B	400					S143		
53	PBC40	400	30	55C	350			150C	1.0	3.0	25C	10u	100u	100C	400				M447Z		
54	1R106D	400	30	70C	350	8.3m	3.0	150J	1.8	47	25C	10u	2.0m	100C	400				M958*		
55	1R206D	400	30	70C	150	8.3m	3.0	150J	1.8	47	25C	10u	2.0m	100C	400				M958a*		
56#	1SR20-400	400	30	85C	700	10m		120J	1.5	100	25A	5.0m	100C	400					S456Z		
57	1N3663	400	30	100C	400	8.3m		175C	1.2	25	100C	25m	100C	400					DO21		
58#	S4BN31	400	30	120B	347			150J	600m	30	4.0m	400	400						S483aZ		
59#	S4GN31	400	30	120B	347			150J	600m	30	4.0m	400	400						S483Z		
60#	3DN40	400	30	122C	500	10m		150J	1.4	125	80C	3.0m	12m	122C	400				S96c		
61	F3G3	400	30	124C	300			190C	1.3	90	25C	1.0m	150C	400					DO5		
62	S3140	400	30	124C	300	8.3m		190J	1.3	90	25C	1.0m	150C	400					S488aZ		
63	G3G3	400	30	150C	1.5k			175J	1.3	200	25C	5.0m	150C	400					DO8		
64#	DS22-04A	400	33	45A	420	10m		150	1.8	120	25C	4.0m	150J	400					S408c		
65	1N1461	400	35	25A				190J	1.5	35	25J	25m	150A	400					M56d		
66#	DD.716	400	35	25A				100A	.92	35	25A	1.0m	150A	400					S125c		
67	HEPRO255-RT	400	35	25A	400			190T	1.5	20	25	3.0m	150C	400					DO5		
68#	RAHZ	400	35	50C	250	10m	50	175C	1.5	20	25	5.0m	150C	400					DO5		
69#	R43HZ	400	35	100C	500	10m	22	150J	1.5	110	25C	3.5m	115C	400					DO5		
70	1N4526	400	35	115C	500			175C	1.4	35	25C	1.0m	140C	400					DO5		
71	ST4-40	400	35	135C	500			175J	1.20	35	25	1.0m	140C	400					S187dZ		
72	1N1188	400	35	140C	500	8.3m		190C	1.7	35	140C	1.0m	140C	400					DO5		
73	4JA38DR700	400	35	140C	500		40	200J	1.4	100	25	100u	2.0m	200C	400				DO5		
74#	34R2	400	35	140C	500	10m		200J	1.3	35	25C	1.0m	150C	400					DO5Z		
75	JAN1N1188	400	35	150C	500	8.3m		150C	1.4	110	25A	3.0m	150C	400					DO5Z		
76	JAN1N1188R	400	35	150C	500	8.3m		150C	1.4	110	25A	3.0m	150C	400					DO5Z		
77#	SU401A	400	36	85C	600	10m		150J	1.6	90	25C	200u	3.0m	150C	400				S439Z		
78#	SUT401K	400	36	85C	600	10m		150J	1.6	90	25C	200u	3.0m	150C	400				S437Z		
79	F																				