

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 (A)	PULSE WIDTH (s)	Ir @ 25°C (A)	Ir & Vr (A)			TEMP T (°C)	TEST VOLT Vr (V)	MAX V BKN. (V)	MIN SLOPE (A/V)	MAT.						
																at 100°C	at 150°C	at 175°C	at 200°C		
1#	S4AN21	400	20	200B	150				250J	510m	20									S324Z	
2	HSE8064-RT	400	22	25	350	8.3m	50		175C	950m	35		150C							DO5	
3	1N2785	400	22	40A	200				175C	1.5	25		25C							DO4Z	
4	MR754	400	22	60	400				175J	1.25	100		25J	250u	1.0m	100J	400			A264	
5	1N3965	400	22	120C	200			4.0	150A	.60	26		25A		1.0m	150C	400	650		DO4Δ #	
6	S2140	400	22	131C	250	8.3m	50		190J	1.2	30		25C		1.0m	150C	400	480		S488Z	
7	R4100422	400	22	150	500	8.3m	50		200	2.0	22		25							DO5	
8	1N1457	400	25						190J	1.5	25		25J	25m						M56d	
9	1N3495	400	25	25C	300	8.3m			175C	1.7	18		150C		4.0m	150C	400			DO21	
10#	DS117-04A	400	25	45A	250	10m			180J	1.36	55				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	10u	100u	100	50			M542	
13#	4AF4	400	25	60A	350	5	10m	80	190J	.95	25				3.0m	150J	400			M324b#Z	
14#	4AF4LV	400	25	60A	350	5	10m	80	190J	.95	25				3.0m	150J	400			M324d#Z	
15#	DS17-04A	400	25	100C	250	5	10m		180A	1.36	55		25J	10u	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			280			S171sZ	
20#	SKN26/04	400	25	100C	375	10m			180J	1.55	60		25J	150u						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	5	10m		175S	1.3	75		25C	50u	1.0m	175C	400			S436Z	
37#	SR20N8S	400	25	120C	400	5	8.3m		150J	1.2	80		25C		1.5m	150J	400			C112Z	
38#	SR25B8S	400	25	120C	600	5	8.3m		150J	1.2	80		25C		3.0m	150J	400			S249bZ	
39#	4AF4LH	400	25	140A	350	5	10m	80	190J	.95	25				3.0m	150J	400			M324c#Z	
40#	4AF4PLH	400	25	140B	400	5	10m		190	.55	25		25A		2.0m	150B	400			M324c	
41#	4AF4PLV	400	25	140B	400	5	10m		190	.55	25		25A		2.0m	150B	400			M324d	
42#	4AF4PPE	400	25	140B	400	5	10m		190	.55	25		25A		2.0m	150B	400			M324eZ	
43#	4AF4PPP	400	25	140B	400	5	10m		190	.55	25		25A		2.0m	150B	400			M324eZ	
44	1N1196	400	25	145C	125			30	190J	1.4	30		25J	10u			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	38	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	1TR106D	400	30	70C	350	8.3m	3.0		150J	1.8	47		25C	10u	2.0m	100C	400			M958*	
55	1TR206D	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						S456Z	
57	1N3663	400	30	100C	400	8.3m			175C	1.2	25		100C							DO21	
58#	S4BN31	400	30	120B	347				150J	600m	30				4.0m					S483aZ	
59#	S4GN31	400	30	120B	347				150J	600m	30				4.0m					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	50		25C		1.0m	150C	400			DO5	
62	S3140	400	30	124C	300	8.3m			190J	1.3	90		25C		1.0m	150C	400	480		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				4.0m	150J	400			S408c	
65	1N1461	400	35						190J	1.5	35									M56d	
66#	DD.716	400	35	25A					100A	.92	35		25A	25m						S125c	
67	HEPRO255-RT	400	35	25	400				190T						1.0m	150A	400			DO5	
68#	RAHZ	400	35	50C	250	10m	50		175C	1.5	20		25		3.0m	150C	400	750		DO5	
69#	R43HZ	400	35	100C	500	10m	22		150J	1.5	110		25C		5.0m	125C	400	750		DO5	
70	1N4526	400	35	115C	500				175C	1.4	35				3.5m	115C	400	500		DO5	
71	ST4-40	400	35	135C	500				175J	1.20	35		25					440		S187dZ	
72	1N1188	400	35	140C	500	8.3m			190C	1.7	35		140C		10m	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	5	10m		200J	1.3	35		25C		10m	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	5	10m		150J	1.6	90		25C	200u	3.0m						