

# SILICON RECTIFIERS, UNDER 1 kV

Item Number	Part Number	Manufacturer	I <sub>o</sub> Max (A)	V <sub>RRM</sub> (V)	I <sub>FSM</sub> (A)	V <sub>F</sub> Max (V)	@ Test (A)	I <sub>R</sub> 25 °C (A)	@ Test (V)	I <sub>R</sub> (A)	@ Test (°C)	T <sub>2</sub> (°C)	T <sub>oper</sub> Max (°C)	Package Style	
<b>General-Purpose, I<sub>o</sub> ≥ 25 A (Cont'd)</b>															
-	R4100325	Powerex Inc	25	300	500	1.4	79			300	5.0m	200	200 J	DO-5	
-	SR25B6S	MitsubiElec	25	300	600	1.2	80			300	3.0m	150	150 J	SiR-1/4	
-	DD6626 (A)	Lucas Semi	25	400		1.2	80	20u		400		150	200 J	N/A	
-	1N1457	CrimsonSemi	25	400		1.5	25	25m				190 J	190 J	FBBase-F	
5	1N1457	Sid St Dvcs	25	400		1.5	25	25m				190 J	190 J	FBBase-F	
-	1N1457	Space Power	25	400		1.5	25	25m				190 J	190 J	FBBase-F	
-	1N1196	See Index	25	400	125	1.4	30	10u		400		190 J	190 J	SiR-1/4	
-	VTA400	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Press-19	
-	VTA400/S	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	SiR-1/4	
10	VTA400/T	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Flange-A	
-	VTB400	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Press-19	
-	VTB400/S	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	SiR-1/4	
-	VTB400/T	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Flange-A	
-	VTC400	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Press-19	
15	VTC400/S	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	SiR-1/4	
-	VTC400/T	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Flange-A	
-	VTD400	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Press-19	
-	VTD400/S	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	SiR-1/4	
-	VTD400/T	Varo Quality	25	400	250	1.5	25			400	5.0m	150	150 S	Flange-A	
20	25PW40	Nihon Inter	25	400	300	700m	25			400	4.0m	150	175 J	DO-21	
-	AP254	Rectron Ltd	25	400	300	1.2	25	25u		400	500u	100	175 J	DO-5	
-	A25D	Natl Elecs	25	400	300	1.2	50						175 J	DO-4	
-	25SP04	GeneralInst	25	400	300	1.2	13	10u					175 S	BR-3q	
-	DS17-04A	Asea Brown	25	400	300	1.36	55	10u		400	2.0m	190	190 J	SiR-10	
25	1N3495	See Index	25	400	300	1.7	57	1.0m		400	4.0m	150	175 J	DO 208AA	
-	EU255BP	Gentron	25	400	300	1.8	75						125 J	Module-s	
-	EU255BT	Gentron	25	400	300	1.8	75						125 J	Module-s	
-	EU255BW	Gentron	25	400	300	1.8	75						125 J	Module-s	
-	4AF4NLH	Intl Rectfr	25	400	314	1.2	25			400	4.0m	175	175 J	Press-13	
30	4AF4NLV	Intl Rectfr	25	400	314	1.2	25			400	4.0m	175	175 J	Press-13	
-	4AF4NPP	Intl Rectfr	25	400	314	1.2	25			400	4.0m	175	175 J	Press-13	
-	4SM25	Semi Ltd	25	400	400								175 J	DO-5	
-	1N2158	See Index	25	400	400	60	25			400	3.0m	145	200 J	DO-5	
-	ARS25G	GeneralInst	25	400	400	1.0	25	25u		400	250u	100	175 J	Disc-9	
35	AR25G	GeneralInst	25	400	400	1.0	25	25u		400	250u	100	175 J	Disc-10	
-	BAR2504	Diotec Elec	25	400	400	1.0	25	25u		400	500u	100	175 S	Disc-10	
-	RA254	Diodes Inc	25	400	400	1.0	25	25u		400			175 A	Disc-10	
-	RA254	Rectron Ltd	25	400	400	1.0	25	25u		400			175 A	Disc-10	
-	S25A4	Semicon Com	25	400	400	1.1	25			400	2.0m	100	175 A	DO-5	
40	GI2504	GeneralInst	25	400	400	1.18	79	100u		400			175 S	Disc-10	
-	MR2504	Motorola	25	400	400	1.18	78	100u		400	500u	100	175 J	Disc-10	
-	MR2504M	Motorola	25	400	400	1.18	78	100u		400	500u	100	175 J	Disc-9	
-	242540	Renard Mfg	25	400	400	1.18	79	1.0m		400			175	Press-13	
-	242570	Renard Mfg	25	400	400	1.18	79	100u		400			175	Press-13	
45	242580	Renard Mfg	25	400	400	1.18	79	10u		400			175	Press-13	
-	DD6126H	Lucas Semi	25	400	400	1.3	25	10u		400	500u	150	175 C	Press-13	
-	DD6126S	Lucas Semi	25	400	400	1.3	25	10u		400	500u	150	175 C	Press-13	
-	DD6126V	Lucas Semi	25	400	400	1.3	25	10u		400	500u	150	175 C	Press-13	
-	SUES706	Semicon Com	25	400	500	1.2	20	50u		400	10m	125	175 J	DO-4	
50	R4100425	Powerex Inc	25	400	500	1.4	79			400	5.0m	200	200 J	DO-5	
-	SR25B6S	MitsubiElec	25	400	600	1.2	80			400	3.0m	150	150 J	SiR-1/4	
-	25GC12	ToshibaCorp	25	400	600	1.2	25			400	6.0	150	150 J	SiR-M8	
-	SSIE1330	Siemens Akt	25	450	350	1.1	45	20u		450			150 J	SiR-M8	
-	DD6230	Lucas Semi	25	450	400	1.3	25	50u		450	3.0m	175	25 J	DO-21	
55	DD6830	Lucas Semi	25	450	400	1.3	75	50u		450	3.0m	175	175 C	Press-10	
-	1N1197	See Index	25	500	125	1.4	30	10u		500			190 J	SiR-1/4	
-	25PW50	Nihon Inter	25	500	300	70	25			500	4.0m	150	175 J	DO-21	
-	AP255	Rectron Ltd	25	500	300	1.2	25	25u		500	500u	100	175 J	DO-21	
-	MR327	Motorola	25	500	300	1.5	100	1.0m		500	3.0m	150	175 J	DO-21	
60	1N2159	See Index	25	500	400	60	25			500	2.5m	145	200 J	DO-5	
-	AR25H	GeneralInst	25	500	400	1.0	25	25u		500			175	Disc-10	
-	RA255	Diodes Inc	25	500	400	1.0	25	25u		500			175 A	Disc-10	
-	RA255	Rectron Ltd	25	500	400	1.0	25	25u		500			175 A	Disc-10	
65	S25A5	Semicon Com	25	500	400	1.1	25			500	2.0m	100	175 A	DO-5	
-	A139E	Natl Elecs	25	500	400	1.85	25			500	6.0m	125	125	DO-5	
-	SUES701	Semicon Com	25	500	500	95	25	20u		50	4.0m	125	175 J	DO-4	
-	SR25B10S	MitsubiElec	25	500	600	1.2	80			500	3.0m	150	150 J	SiR-1/4	
-	1N1198	See Index	25	600	125	1.4	30	10u		600			190 J	SiR-1/4	
-	VTA600	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Press-19	
70	VTA600/S	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	SiR-1/4	
-	VTA600/T	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Flange-A	
-	VTB600	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Press-19	
-	VTB600/S	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	SiR-1/4	
-	VTB600/T	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Flange-A	
75	VTC600	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Press-19	
-	VTC600/S	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	SiR-1/4	
-	VTC600/T	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Flange-A	
-	VTD600	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Press-19	
-	VTD600/S	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	SiR-1/4	
80	VTD600/T	Varo Quality	25	600	250	1.5	25			600	5.0m	150	150 S	Flange-A	
-	25PW60	Nihon Inter	25	600	300	70	25			600	4.0m	150	175 J	DO-21	
-	AP256	Rectron Ltd	25	600	300	1.2	25	25u		600	500u	100	175 J	DO-21	
-	A25M	Natl Elecs	25	600	300	1.2	50						175 J	DO-4	
-	DS17-06A	Asea Brown	25	600	300	1.36	55	10u		600			180 J	N/A	
85	MR328	Motorola	25	600	300	1.5	100	1.0m		600	2.5m	150	175 J	DO-21	
-	EU255CT	Gentron	25	600	300	1.8	75						125 J	Module-s	
-	EU255CW	Gentron	25	600	300	1.8	75						125 J	Module-s	
-	4AF6NLH	Intl Rectfr	25	600	314	1.2	25			600	4.0m	175	175 J	Press-13	
-	4AF6NLV	Intl Rectfr	25	600	314	1.2	25			600	4.0m	175	175 J	Press-13	
90	4AF6NPP	Intl Rectfr	25	600	314	1.2	25			600	4.0m	175	175 J	Press-13	
-	SSIE1340	Siemens Akt	25	600	350	1.1	45	20u		600			150 J</		