

# 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) @ I <sub>F</sub> Test (A)	I <sub>R</sub> 25 °C (A) @ V <sub>R</sub> Test (V)	I <sub>R</sub> (A) @ T <sub>2</sub> Test (°C)	T <sub>Oper</sub> Max (°C)	Package Style			
<b>General-Purpose, I<sub>o</sub> ≥ 50 A (Cont'd)</b>													
-	DS35-02A	Asea Brown	52	200	650	1.55	150	10u	200	2.0m	180	180 J	SiR-1/4
-	DS35-04A	Asea Brown	52	400	650	1.55	150	10u	400	2.0m	180	180 J	SiR-1/4
-	D34/800C	AEG Aktien	54	800	550	1.5	100		800	15m	150	150 J	SiF-M6
-	1SM55	Semi Ltd	55	100	935					10m	175 J	175 J	SiF-3/8
5	2SM55	Semi Ltd	55	200	935					10m	175 J	175 J	SiF-3/8
-	EU555AP	Gentron	55	200	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555AT	Gentron	55	200	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555AW	Gentron	55	200	1.2k	1.7	200				125 J	125 J	Module-s
-	4SM55	Semi Ltd	55	400	935					10m	175 J	175 J	SiF-3/8
10	EU555BP	Gentron	55	400	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555BT	Gentron	55	400	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555BW	Gentron	55	400	1.2k	1.7	200				125 J	125 J	Module-s
-	IRKD56-04	Intl Rectfr	55	400	1.6k	1.3	55		400		150 J	150 J	Module-s
-	IRKE56-04	Intl Rectfr	55	400	1.6k	1.30	55				150 J	150 J	Module-s
15	6SM55	Semi Ltd	55	600	935					10m	175 J	175 J	SiF-3/8
-	EU555CP	Gentron	55	600	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555CT	Gentron	55	600	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555CW	Gentron	55	600	1.2k	1.7	200				125 J	125 J	Module-s
-	IRKD56-06	Intl Rectfr	55	600	1.6k	1.3	55		600		150 J	150 J	Module-s
20	IRKE56-06	Intl Rectfr	55	600	1.6k	1.30	55				150 J	150 J	Module-s
-	8SM55	Semi Ltd	55	800	935					10m	175 J	175 J	SiF-3/8
-	EU555DP	Gentron	55	800	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555DT	Gentron	55	800	1.2k	1.7	200				125 J	125 J	Module-s
-	EU555DW	Gentron	55	800	1.2k	1.7	200				125 J	125 J	Module-s
25	IRKD56-08	Intl Rectfr	55	800	1.6k	1.3	55		800		150 J	150 J	Module-s
-	IRKE56-08	Intl Rectfr	55	800	1.6k	1.30	55				150 J	150 J	Module-s
-	55HQ020	Intl Rectfr	60	20	955	0.57	150	50m	20	280m	125	150 J	DO-203AB
-	55HQ020	Nihon Inter	60	20	955	0.57	150	50m	20	280m	125	150 J	DO-203AB
-	SR6000	SidSiElecII	60	50		1.7	950						DO-5
30	1N2458	See Index	60	50	450	1.1	30		50	5.0m	150	175	DO-5
-	1N2128	See Index	60	50	700	1.4	60		50	10m	115	175 C	DO-5
-	1N2128A	See Index	60	50	900	1.3	60		50	10m	140	200 C	DO-203AB
-	R4140060	Powerex Inc	60	50	900	1.35	220		50	5.0m	190	190 J	DO-5
-	R4040060	Powerex Inc	60	50	1.0k	1.7	60	100u	50		200 C	200 C	DO-5
35	KS560	Optek Tech	60	50	1.5k	1.2	60		50	5.0m	125	150 C	SiF-M12
-	SR6001	SidSiElecII	60	100		1.7	950						DO-5
-	KGB0440SX	Asea Brown	60	100	260	25							Assembly
-	1N2459	See Index	60	100	450	1.1	30		100	5.0m	150	175	DO-5
-	60BC15	ToshibaCorp	60	100	550	1.5	180		100	10m	175	175 J	SiR-M6
40	1N2129	See Index	60	100	700	1.4	60		100	10m	115	175 C	DO-5
-	SR60L2R	MitsubiElec	60	100	800	1.2	200		100	3.0m	150	150 J	Flange-A
-	SR60L2S	MitsubiElec	60	100	800	1.2	200		100	3.0m	150	150 J	Flange-A
-	SR60L2S	Powerex Inc	60	100	800	1.2	200		100	3.0m	150	150 J	Flange-A
45	1N2129A	See Index	60	100	900	1.3	60		100	10m	140	200 C	DO-203AB
-	R4140160	Powerex Inc	60	100	900	1.35	220		100	5.0m	190	190 J	DO-5
-	20MA10	Nihon Inter	60	100	950	1.4	180		100	10m	150	150 J	SiR-M6
-	20M10	Nihon Inter	60	100	1.0k	1.5	180		100	10m	175 A	175 A	SiR-M6
-	R4040160	Powerex Inc	60	100	1.0k	1.7	60	100u	100		200 C	200 C	DO-5
-	1N2460	See Index	60	150	450	1.1	30		150	5.0m	150	175	DO-5
50	SET050211	Semtech	60	150	500	1.12	40	4.0u	600	2.0m	100	175	SiR-1/4
-	1N2130	See Index	60	150	700	1.4	60		150	10m	115	175 C	DO-5
-	1N2130A	See Index	60	150	900	1.3	60		150	10m	140	200 C	DO-203AB
-	SR6002	SidSiElecII	60	200		1.7	950						DO-5
-	KGB0430SX	Asea Brown	60	200	260	52							Assembly
55	1N2461	See Index	60	200	450	1.1	30		200	5.0m	150	175	DO-5
-	60DC15	ToshibaCorp	60	200	550	1.5	180		200	10m	175	175 J	SiR-M6
-	1N2131	See Index	60	200	700	1.4	60		200	10m	115	175 C	DO-5
-	SR60L4R	MitsubiElec	60	200	800	1.2	200		200	3.0m	150	150 J	Flange-A
-	SR60L4S	MitsubiElec	60	200	800	1.2	200		200	3.0m	150	150 J	Flange-A
60	SR60L4S	Powerex Inc	60	200	800	1.2	200		200	3.0m	150	150 J	Flange-A
-	1N2131A	See Index	60	200	900	1.3	60		200	10m	140	200 C	DO-203AB
-	R4140260	Powerex Inc	60	200	900	1.35	220		200	5.0m	190	190 J	DO-5
-	20MA20	Nihon Inter	60	200	950	1.4	180		200	10m	150	150 J	SiR-M6
-	20M20	Nihon Inter	60	200	1.0k	1.5	180		200	10m	175 A	175 A	SiR-M6
65	R4040260	Powerex Inc	60	200	1.0k	1.7	60	100u	200		200 C	200 C	DO-5
-	1N2462	See Index	60	250	450	1.1	30		250	5.0m	150	175	DO-5
-	1N2132	See Index	60	250	700	1.4	60		250	10m	115	175 C	DO-5
-	1N2132A	See Index	60	250	900	1.3	60		250	10m	140	200 C	DO-5
-	1N2463	See Index	60	300	450	1.1	30		300	5.0m	150	175	DO-5
70	60FC15	ToshibaCorp	60	300	550	1.5	180		300	10m	175	175 J	SiR-M6
-	1N2133	See Index	60	300	700	1.4	60		300	10m	115	175 C	DO-5
-	SR60L6R	MitsubiElec	60	300	800	1.2	200		300	3.0m	150	150 J	Flange-A
-	SR60L6S	MitsubiElec	60	300	800	1.2	200		300	3.0m	150	150 J	Flange-A
-	SR60L6S	Powerex Inc	60	300	800	1.2	200		300	3.0m	150	150 J	Flange-A
75	1N2133A	See Index	60	300	900	1.3	60		300	10m	140	200 C	DO-203AB
-	R4140360	Powerex Inc	60	300	900	1.35	220		300	5.0m	190	190 J	DO-5
-	20MA30	Nihon Inter	60	300	950	1.4	180		300	10m	150	150 J	SiR-M6
-	SG63R	Sanken Elec	60	300	1.0k	1.2	40	100u	300		150 S	150 S	SiR-M6
-	SG63S	Sanken Elec	60	300	1.0k	1.2	40	100u	300		150 S	150 S	SiR-M6
80	20M30	Nihon Inter	60	300	1.0k	1.5	180		300	10m	175 A	175 A	SiR-M6
-	R4040360	Powerex Inc	60	300	1.0k	1.7	60	100u	300		200 C	200 C	DO-5
-	1N2464	See Index	60	350	450	1.1	30		350	5.0m	150	175	DO-5
-	1N2134	See Index	60	350	700	1.4	60		350	10m	115	175 C	DO-5
-	1N2134A	See Index	60	350	900	1.3	60		350	10m	140	200 C	DO-5
85	SR6004	SidSiElecII	60	400		1.7	950						DO-5
-	HRSCPA4F	Semtech	60	400	150	1.1	3.0	1.0u	400	30u	100		BR-5q
-	1N2465	See Index	60	400	450	1.1	30		400	5.0m	150	175	DO-5
-	SET050204	Semtech	60	400	500	1.38	40	4.0u	600	80u	100	175	SiR-1/4
-	60GC15	ToshibaCorp	60	400	550	1.5	180		400	10m	175	175 J	SiR-M6
90	1N2135	See Index	60	400	700	1.4	60		400	10m	115	175 C	DO-5
-	SR60L8R	MitsubiElec	60	400	800	1.2	200		400	3.0m	150	150 J	Flange-A
-	SR60L8S	MitsubiElec	60	400	800	1.2	200		400	3.0m	150	150 J	Flange-A
-	SR60L8S	Powerex Inc	60	400	800	1.2	200		400	3.0m	150	150 J	Flange-A
-	1N2135A	See Index	60	400	900	1.3	60		400	10m	140	200 C	DO-203AB
95	R4140460	Powerex Inc	60	400	900	1.35	220		400	5.0m	190	190 J	DO-5
-	20MA40												