

SILICON RECTIFIERS, UNDER 1 kV

Item Number	Part Number	Manufacturer	I _O Max (A)	V _{RRM} (V)	I _{FSM} (A)	V _F Max (V) @ I _F Test (A)	I _R 25 °C (A) @ V _R Test (V)	I _R (A) @ T ₂ Test (°C)	T _{Oper} Max (°C)	Package Style		
General-Purpose, I _O ≥ 25 A (Cont'd)												
-	10MA10	Nihon Inter	40	100	800	1.4	120	100	10m	130	130 J	SiR-M6
-	G4B3	Edal Indus	40	100	1.5k	1.3	200	100	5.0m	150	175 J	DO-8
-	1N1185A	See Index	40	150	800	1.1	100	150	5.0m	150	200 J	DO-203AB
-	S30415	Microsemi CO	40	150	800	1.2	100	150	10m	190	190 J	SiR-1/4
5	PH40-200	PhilipsElec	40	200	400	1.2	100	200	1.5	125	150 J	DO-5
-	40HA20	Int'l Rectr IT	40	200	445			200	7.0	140	150 J	SiR-1/4
-	S2GN41	Westcode	40	200	490	1.4	125	200	20m	250	250 J	SiR-1/4
-	T40HF20	Int'l Rectfr	40	200	500							N/A
-	2SM40	Semi Ltd	40	200	500				5.0m		175 J	DO-5
10	S40A2	Semicon Com	40	200	500	1.1	40	200	2.0m	100	175 A	DO-5
-	40HF20	See Index	40	200	500	1.9	126	200	20m	180	180 J	DO-203AB
-	SD040N02P	Secowest	40	200	600	1.42	125	200	8.0m	180	180 J	DO-5
-	SD040R02P	Secowest	40	200	600	1.42	125	200	8.0m	180	180 J	DO-5
-	SD041N02P	Secowest	40	200	600	1.42	125	200	8.0m	180	180 J	SiF-M8
15	SD041R02P	Secowest	40	200	600	1.42	125	200	8.0m	180	180 J	SiF-M8
-	EU405AP	Gentron	40	200	600	1.7	100				125 J	Module-s
-	EU405AT	Gentron	40	200	600	1.7	100				125 J	Module-s
-	EU405AW	Gentron	40	200	600	1.7	100				125 J	Module-s
-	RP2040	ThmsnCSFEFC	40	200	700	1.5	120	200	5.0m	150	150 J	DO-5
20	BYZ14	PhilipsElec	40	200	800	80	1.0	400	10m	150	150 J	SiF-12
-	BYZ15	PhilipsElec	40	200	800	80	1.0	400	10m	150	150 J	SiF-12
-	1N1186A	See Index	40	200	800	1.1	100	200	5.0m	150	200 J	DO-203AB
-	R4100240	Powerex Inc	40	200	800	1.2	126	200	5.0m	200	200 J	DO-5
-	S30420	Microsemi CO	40	200	800	1.2	100	200	10m	190	190 J	SiR-1/4
25	10M20	Nihon Inter	40	200	800	1.2	120	200	10m	130	130 A	SiR-M6
-	10MA20	Nihon Inter	40	200	800	1.4	120	200	10m	130	130 J	SiR-M6
-	DRA402	ThmsnCSFEFC	40	200	800	1.5	120	200	1.0m	125	150 J	Flange-A
-	G4C3	Edal Indus	40	200	1.5k	1.3	200	200	5.0m	150	175 J	DO-8
-	S30425	Microsemi CO	40	250	800	1.2	100	250	10m	190	190 J	SiR-1/4
30	G4D3	Edal Indus	40	250	1.5k	1.3	200	250	5.0m	150	175 J	DO-8
-	S3GN41	Westcode	40	300	490	1.4	125	300	20m	250	250 J	SiR-1/4
-	S40A3	Semicon Com	40	300	500	1.1	40	300	2.0m	100	175 A	DO-5
-	40HF30	Int'l Rect IT	40	300	500	1.4	40	300	7.0m	140	180 J	SiR-1/4
-	40HF30	Nihon Inter	40	300	500	1.4	40	300	7.0m	140	180 J	SiR-1/4
35	1N1187A	See Index	40	300	800	65	40	300	2.5m	150	200 C	DO-203AB
-	R4100340	Powerex Inc	40	300	800	1.2	126	300	5.0m	200	200 J	DO-5
-	S30430	Microsemi CO	40	300	800	1.2	100	300	10m	190	190 J	SiR-1/4
-	10M30	Nihon Inter	40	300	800	1.2	120	300	10m	130	130 A	SiR-M6
-	10MA30	Nihon Inter	40	300	800	1.4	120	300	10m	130	130 J	SiR-M6
40	1N5409	See Index	40	300	1.0k	1.2	40	200	5.0m	100	175 C	DO-5
-	G4E3	Edal Indus	40	300	1.5k	1.3	200	300	5.0m	150	175 J	DO-8
-	1N1480	See Index	40	300	8.0k	1.1	520	300	75m	25	190 J	FBASE-F
-	S30435	Microsemi CO	40	350	800	1.2	100	350	10m	190	190 J	SiR-1/4
-	G4F3	Edal Indus	40	350	1.5k	1.3	200	350	5.0m	150	175 J	DO-8
45	VBO20-04N01	Asea Brown	40	400	300	1.6	55	400	5.0m	150	150 J	N/A
-	40HA40	Int'l Rect IT	40	400	445			400	7.0	140	150 J	SiR-1/4
-	S4GN41	Westcode	40	400	490	1.4	125	400	20m	250	250 J	SiR-1/4
-	T40HF40	Int'l Rectfr	40	400	500							N/A
-	4SM40	Semi Ltd	40	400	500				5.0m		175 J	DO-5
50	S40A4	Semicon Com	40	400	500	1.1	40	400	2.0m	100	175 A	DO-5
-	40HF40	See Index	40	400	500	1.9	126	400	20m	180	180 J	DO-203AB
-	SD040N04P	Secowest	40	400	600	1.42	125	400	8.0m	180	180 J	DO-5
-	SD040R04P	Secowest	40	400	600	1.42	125	400	8.0m	180	180 J	DO-5
-	SD041N04P	Secowest	40	400	600	1.42	125	400	8.0m	180	180 J	SiF-M8
55	SD041R04P	Secowest	40	400	600	1.42	125	400	8.0m	180	180 J	SiF-M8
-	EU405BP	Gentron	40	400	600	1.7	100				125 J	Module-s
-	EU405BT	Gentron	40	400	600	1.7	100				125 J	Module-s
-	EU405BW	Gentron	40	400	600	1.7	100				125 J	Module-s
-	RP4040	ThmsnCSFEFC	40	400	700	1.5	120	400	5.0m	150	150 J	DO-5
60	1N1188A	See Index	40	400	800	65	40	400	2.2m	150	200 C	DO-203AB
-	BYZ15	PhilipsElec	40	400	800	80	1.0	400	2.0m	125	150 J	SiF-12
-	R4100440	Powerex Inc	40	400	800	1.2	126	400	5.0m	200	200 J	DO-5
-	S30440	Microsemi CO	40	400	800	1.2	100	400	10m	190	190 J	SiR-1/4
65	10M40	Nihon Inter	40	400	800	1.2	120	400	10m	130	130 A	SiR-M6
-	SR30D8R	MitsubiElec	40	400	800	1.40	120	400	10m	130	130 J	SiR-M6
-	10MA40	Nihon Inter	40	400	800	1.4	120	400	10m	130	130 J	SiR-M6
-	DRA404	ThmsnCSFEFC	40	400	800	1.5	120	400	1.0m	125	150 J	Flange-A
-	SR30D8S	MitsubiElec	40	400	900	1.35	120	400	10m	150	150 J	SiR-M6
-	SKKD40F04	Semikron	40	400	1.1k	2.0	150				125 J	TO-240AA
70	SKMD40F04	Semikron	40	400	1.1k	2.0	150				125 J	TO-240AA
-	G4G3	Edal Indus	40	400	1.5k	1.3	200	400	5.0m	150	175 J	DO-8
-	S30445	Microsemi CO	40	450	800	1.2	100	450	10m	190	190 J	SiR-1/4
-	S5GN41	Westcode	40	500	490	1.4	125	500	20m	250	250 J	SiR-1/4
-	S40A5	Semicon Com	40	500	500	1.1	40	500	2.0m	100	175 A	DO-5
75	40HF50	Nihon Inter	40	500	500	1.4	40	500	7.0m	140	180 J	SiR-1/4
-	1N1189A	See Index	40	500	800	65	40	500	2.0m	150	200 C	DO-203AB
-	R4100540	Powerex Inc	40	500	800	1.2	126	500	5.0m	200	200 J	DO-5
-	S30450	Microsemi CO	40	500	800	1.2	100	500	10m	190	190 J	SiR-1/4
-	10M50	Nihon Inter	40	500	800	1.2	120	500	10m	130	130 A	SiR-M6
80	G4H3	Edal Indus	40	500	1.5k	1.3	200	500	5.0m	150	175 J	DO-8
-	PH40-600	PhilipsElec	40	600	400	1.2	100	600	1.5	125	150 J	DO-5
-	40HA60	Int'l Rect IT	40	600	445			600	7.0	140	150 J	SiR-1/4
-	S6GN41	Westcode	40	600	490	1.4	125	600	20m	250	250 J	SiR-1/4
-	T40HF60	Int'l Rectfr	40	600	500							N/A
-	T40HF80	Int'l Rectfr	40	600	500							N/A
85	6SM40	Semi Ltd	40	600	500				5.0m		175 J	DO-5
-	S40A6	Semicon Com	40	600	500	1.1	40	600	2.0m	100	175 A	DO-5
-	40HF60	See Index	40	600	500	1.9	126	600	20m	180	180 J	DO-203AB
-	SD040N06P	Secowest	40	600	600	1.42	125	600	8.0m	180	180 J	DO-5
90	SD040R06P	Secowest	40	600	600	1.42	125	600	8.0m	180	180 J	DO-5
-	SD041N06P	Secowest	40	600	600	1.42	125	600	8.0m	180	180 J	SiF-M8
-	SD041R06P	Secowest	40	600	600	1.42	125	600	8.0m	180	180 J	SiF-M8
-	EU405CP	Gentron	40	600	600	1.7	100				125 J	Module-s
-	EU405CT	Gentron	40	600	600	1.7	100				125 J	Module-s
-	EU405CW	Gentron	40	600	600	1.7	100				125 J	Module-s
95	RP6040	ThmsnCSFEFC	40	600	700	1.5	120	600	5.0m	150	150 J	DO-5
-	1N1190A	See Index	40	600	800	65	40	600	1.8m	150	200 C	DO-203AB