

Silicon Rectifiers

Stud mounted silicon power rectifiers DO-5 Metal Case

Type	Maximum Peak Reverse Voltage (volts)	Maximum Average Forward Current (Amps) Case Temp. (°C)	Max Forward Voltage (volts) Forward Current (Amps)	Reverse Current (mA) Case Temp. (°C)	Notes
1N1189A	400	40 @ 150	1.1 @ 100	2.5 @ 150	3
1N1189	500	35 @ 140	1.4 @ 100	10 @ 140	3
1N1189A	500	40 @ 150	1.1 @ 100	2.5 @ 150	3
1N1190	600	35 @ 140	1.4 @ 100	10 @ 140	3
1N1190A	600	40 @ 150	1.1 @ 100	2.5 @ 150	3
1N1191	50	18 @ 140	1.3 @ 50	10 @ 140	3,5
1N1192	100	18 @ 140	1.3 @ 50	10 @ 140	3,5
1N1192A	100	22 @ 150	1.2 @ 60	2.5 @ 150	3
1N1193	150	18 @ 140	1.3 @ 50	10 @ 140	3, 5
1N1193A	150	22 @ 150	1.2 @ 60	2.5 @ 150	3
1N1194	200	18 @ 140	1.3 @ 50	10 @ 140	3,5
1N1194A	200	22 @ 150	1.2 @ 60	2.5 @ 150	3
1N1195	300	18 @ 140	1.3 @ 50	10 @ 140	3, 5
1N1196	400	18 @ 140	1.3 @ 50	10 @ 140	3, 5
1N1196A	400	22 @ 150	1.2 @ 60	2.5 @ 150	3
1N1197	500	18 @ 140	1.3 @ 50	10 @ 140	3, 5
1N1197A	500	22 @ 150	1.2 @ 60	2.5 @ 150	3
1N1198	600	18 @ 140	1.3 @ 50	10 @ 140	3,5
1N1301	50	37 @ 120	1.5 @ 50 (7)	2.0 @ 150	-
1N1302	100	37 @ 120	1.5 @ 50 (7)	2.0 @ 150	-
1N1304	200	37 @ 120	1.5 @ 50 (7)	2.0 @ 150	-
1N1306	300	37 @ 120	1.5 @ 50 (7)	2.0 @ 150	-
40A400	400	40 @ 140	1.3 @ 40 (7)	15 @ 180	3
40A600	600	40 @ 140	1.3 @ 40 (7)	9 @ 180	3
40A800	800	40 @ 140	1.3 @ 40 (7)	9 @ 180	3
40A1000	1000	40 @ 140	1.3 @ 40 (7)	9 @ 180	3
40A1200	1200	40 @ 140	1.3 @ 40 (7)	9 @ 180	3
70A400	400	70 @ 140	1.35 @ 70 (7)	15 @ 180	3
70A600	600	70 @ 140	1.35 @ 70 (7)	9 @ 180	3
70A800	800	70 @ 140	1.35 @ 70 (7)	9 @ 180	3
70A1000	1000	70 @ 140	1.35 @ 70 (7)	9 @ 180	3
70A1200	1200	70 @ 140	1.35 @ 70 (7)	9 @ 180	3

Notes: (3) Reverse polarity (anode to stud) available: add suffix R
(4) VF full cycle average (7) At 25°C Ambient (8) Ambient temperature

Full Data Sheets available on above upon request