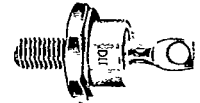


# SILICON RECTIFIERS

OPERATING AND STORAGE TEMPERATURE -65°C to +175°C

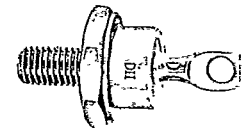
TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @Rated Peak Reverse Voltage		Maximum Forward Voltage @T <sub>A</sub> =25°C	
	PRV	I <sub>o</sub> @ T <sub>C</sub>		I <sub>FM</sub> (Surge)	I <sub>R</sub> :μAdc	I <sub>R</sub> =mAdc	I <sub>FM</sub>	V <sub>FM</sub>
	V <sub>PK</sub>	A <sub>AV</sub>	°C	A <sub>PK</sub> @ T <sub>C</sub> =25°C	T <sub>A</sub> =25°C	T <sub>A</sub> =150°C	A <sub>PK</sub>	V <sub>PK</sub>



## 3.3/5/12/15 AMPERES/DO-4

1N1124A	200	3.3	120	50	10	0.2	10	2.2
1N1126A	400	3.3	120	50	10	0.2	10	2.2
1N1128A	600	3.3	120	50	10	0.2	10	2.2
1N3649	800	3.3	120	50	10	0.2	10	2.2
1N3650	1000	3.3	120	50	10	0.2	10	2.2
1N1614	200	5.0	150	150	10	1.0	15	1.5
1N1615	400	5.0	150	150	10	1.0	15	1.5
1N1616	600	5.0	150	150	10	1.0	15	1.5
1N4458	800	5.0	150	150	10	3.0	15	1.5
1N4459	1000	5.0	150	150	10	3.0	15	1.5
1N1199A	50	12	150	240	10	3.0	40	1.35
1N1200A	100	12	150	240	10	3.0	40	1.35
1N1202A	200	12	150	240	10	3.0	40	1.35
1N1204A	400	12	150	240	10	3.0	40	1.35
1N1206A	600	12	150	240	10	3.0	40	1.35
1N3671A	800	12	150	250	10	3.0	40	1.35
1N3673A	1000	12	150	250	10	3.0	40	1.35
1N3208	50	15	120	250	10		40	1.5
1N3209	100	15	120	250	10		40	1.5
1N3210	200	15	120	250	10		40	1.5
1N3211	300	15	120	250	10		40	1.5
1N3212	400	15	120	250	10		40	1.5

NOTE: Reverse Polarity = Suffix "R", (Suffix "RA" for 1N1124A and 1N1199A Series).



## 5 AMPERES/DO-5

1N1183	50	35	140	400	10	10	110	1.4
1N1184	100	35	140	400	10	10	110	1.4
1N1186	200	35	140	400	10	10	110	1.4
1N1188	400	35	140	400	10	10	110	1.4
1N1190	600	35	140	400	10	10	110	1.4
1N3766	800	35	140	400	10	10	110	1.4
1N3768	1000	35	140	400	10	10	110	1.4
1N1183A	50	40	150	450	15	5.0	110	1.4
1N1184A	100	40	150	450	15	5.0	110	1.4
1N1186A	200	40	150	450	15	5.0	110	1.4
1N1188A	400	40	150	450	15	5.0	110	1.4
1N1189A	500	40	150	450	15	5.0	110	1.4
1N1190A	600	40	150	450	15	5.0	110	1.4
1N2459	100	60	150	450	10	5.0	30	1.1
1N2461	200	60	150	450	10	5.0	30	1.1
1N2465	400	60	150	450	10	5.0	30	1.1
1N2466	500	60	150	450	10	5.0	30	1.1
1N2467	600	60	150	450	10	5.0	30	1.1

NOTE: 1. \*T<sub>C</sub> = 150°C

2. Reverse Polarity = Suffix "R", (Suffix "RA" for 1N1183A Series Only).