

SILICON RECTIFIERS



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

SURGE PART NUMBER	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T _A	Maximum Forward Voltage @ 25°C T _A	
	PRV	I _o @ T _A		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}
	V _{PK}	A _{AV}	°C	A _{PK}	μA _{dc}	A _{PK}	V _{PK}

1.0 AMPERE/TS-1 (CASE 2)

1T1	50	1.0	25	30	5.0	1.0	1.1
1T2	100	1.0	25	30	5.0	1.0	1.1
1T3	200	1.0	25	30	5.0	1.0	1.0
1T4	400	1.0	25	30	5.0	1.0	1.0
1T5	600	1.0	25	30	5.0	1.0	1.0
1T6	800	1.0	25	30	5.0	1.0	1.0
1T7	1000	1.0	25	30	5.0	1.0	1.0

NOTE: Glass Passivated Available add "G" Suffix.

1.0 AMPERE/A-405 (CASE 4)

1N4001S	50	1.0	55	30	5.0	1.0	1.1
1N4002S	100	1.0	55	30	5.0	1.0	1.1
1N4003S	200	1.0	55	30	5.0	1.0	1.0
1N4004S	400	1.0	55	30	5.0	1.0	1.0
1N4005S	600	1.0	55	30	5.0	1.0	1.0
1N4006S	800	1.0	55	30	5.0	1.0	1.0
1N4007S	1000	1.0	55	30	5.0	1.0	1.0

NOTE: Glass Passivated Available add "G" Suffix.

1.0 AMPERE/DO-41 (CASE 5)

1N4001	50	1.0	75	30	5.0	1.0	1.1
1N4002	100	1.0	75	30	5.0	1.0	1.1
1N4003	200	1.0	75	30	5.0	1.0	1.0
1N4004	400	1.0	75	30	5.0	1.0	1.0
1N4005	600	1.0	75	30	5.0	1.0	1.0
1N4006	800	1.0	75	30	5.0	1.0	1.0
1N4007	1000	1.0	75	30	5.0	1.0	1.0

NOTE: Glass Passivated Available add "G" Suffix.

1.5 AMPERES/DO-15 (CASE 6)

1N5391	50	1.5	*70	50	5.0	1.5	1.1
1N5392	100	1.5	*70	50	5.0	1.5	1.1
1N5393	200	1.5	*70	50	5.0	1.5	1.0
1N5394	300	1.5	*70	50	5.0	1.5	1.0
1N5395	400	1.5	*70	50	5.0	1.5	1.0
1N5396	500	1.5	*70	50	5.0	1.5	1.0
1N5397	600	1.5	*70	50	5.0	1.5	1.0
1N5398	800	1.5	*70	50	5.0	1.5	1.0
1N5399	1000	1.5	*70	50	5.0	1.5	1.0

NOTE: 1. Glass Passivated Available add "G" Suffix.
2. * Lead Temperature @3/8" From Body.