

SILICON RECTIFIERS

T-01-01

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 @ 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/T-1 (CASE 2)

1D1	50	1.0	25	25	5.0	1.0	1.1
1D2	100	1.0	25	25	5.0	1.0	1.1
1D3	200	1.0	25	25	5.0	1.0	1.1
1D4	400	1.0	25	25	5.0	1.0	1.1
1D5	600	1.0	25	25	5.0	1.0	1.1
1D6	800	1.0	25	25	5.0	1.0	1.1
1D7	1000	1.0	25	25	5.0	1.0	1.1

1.0 AMPERE/R-1 (CASE 3)

1A1	50	1.0	25	25	5.0	1.0	1.1
1A2	100	1.0	25	25	5.0	1.0	1.1
1A3	200	1.0	25	25	5.0	1.0	1.1
1A4	400	1.0	25	25	5.0	1.0	1.1
1A5	600	1.0	25	25	5.0	1.0	1.1
1A6	800	1.0	25	25	5.0	1.0	1.1
1A7	1000	1.0	25	25	5.0	1.0	1.1

Mouser Electronics

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[1D4](#) [1D4-T](#)