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}	μAdc	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

1.0 AMPERE/A-405 (CASE 4)

RL101	50	1.0	55	30	5.0	1.0	1.1
RL102	100	1.0	55	30	5.0	1.0	1.1
RL103	200	1.0	55	30	5.0	1.0	1.1
RL104	400	1.0	55	30	5.0	1.0	1.1
RL105	600	1.0	55	30	5.0	1.0	1.1
RL106	800	1.0	55	30	5.0	1.0	1.1
RL107	1000	1.0	55	30	5.0	1.0	1.1

1.0 AMPERE/DO-41 (CASE 5)

IN4001	50	1.0	75	30	5.0	1.0	1.1
IN4002	100	1.0	75	30	5.0	1.0	1.1
IN4003	200	1.0	75	30	5.0	1.0	1.1
IN4004	400	1.0	75	30	5.0	1.0	1.1
IN4005	600	1.0	75	30	5.0	1.0	1.1
IN4006	800	1.0	75	30	5.0	1.0	1.1
IN4007	1000	1.0	75	30	5.0	1.0	1.1

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