Bridge Rectifier





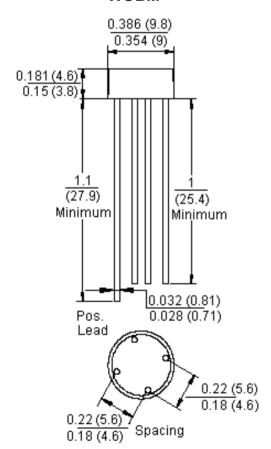
- Surge overload rating -50 amperes peak.
- Ideal for printed circuit board.
- Reliable low cost construction utilizing moulded plastic technique results in expensive product.
- Mounting position: Any.

Glass passivated.

Features:

Reverse Voltage - 200 V Forward Current - 1.5 Amperes

WOBM



Dimensions: Inches (Millimetres)

Bridge Rectifier



Maximum Ratings and Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%.

Characteristics	Symbol	W02MG	Unit
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	200	V
Maximum RMS Voltage	V _{RMS}	140	
Maximum DC Blocking Voltage	V _{DC}	200	
Maximum Average Forward Rectified Current at $T_A = 25^{\circ}C$	I (AV)	1.5	A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Super Imposed on Rated Load	I _{FSM}	50	
I ² t Rating for Fusing (t < 8.3 ms)	l ² t	5	A ² s
Maximum Forward Voltage Drop Per Element at 1.5 A Peak	V _F	1.1	V
Maximum Reverse Current at Rated $T_J = 25^{\circ}C$ DC Blocking Voltage $T_J = 100^{\circ}C$	I _R	10 1	μA mA
Operating Temperature Range	T _J	55 to +150	°C
Storage Temperature Range	T _{STG}		

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