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2W005M THRU 2W10M

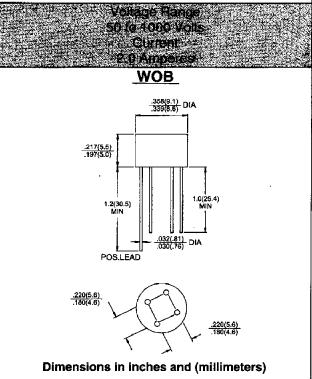
Single Phase 2.0 AMPS. Silicon Bridge Rectifiers

Features

- UL Recognized
- Surge overload ratings to 30 amperes peak
- Ideal for printed circuit board
- Reliable low cost construction technique results in inexpensive product
- High temperature soldering guaranteed: 250°C / 10 seconds / 0.375" (9.5mm) lead length at 5 lbs., (2.3 kg) tension

Mechanical Data

Case: Molded plastic
Lead: Solder plated
Polarity: As marked
Weight: 1.10 grams



Maximum Ratings and Electrical Characteristics

Rating at 25℃ ambient temperature unless otherwise specified.

Single phase, half wave, 60 Hz, resistive or inductive load.

For capacitive load, derate current by 20%

Symbol	2W 005M	2W 01M	2W 02M	2W 04M	2W 06M	2W 08M	2W 10M	Units
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current $@T_A = 50^{\circ}C$	2.0							Α
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	50							Α
Maximum Instantaneous Forward Voltage @ 2.0A	1.1							V
Maximum DC Reverse Current @ T _A =25℃	10							uA
at Rated DC Blocking Voltage @ T _A =100°C	500							uA
Operating Temperature Range T _J	-55 to +125							c
Storage Temperature Range T _{STG}	-55 to +150							౮

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