BACO SEMICONDUCTOR CO., LTD. 2W005M THRU 2W10M

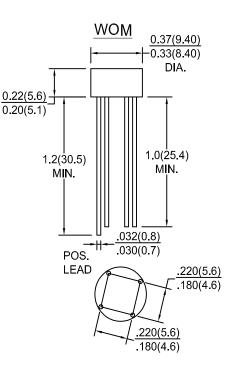
SINGLE PHASE SILICON BRIDGE RECTIFIERS

FEATURES:

- Ideal for printed circuit board
- Low forward voltage drop
- Low leakage current
- High temperature soldering guaranteed : 250°C /10 seconds, 0.375" lead length, 5lbs.(2.3kg) tension

MECHANICAL DATA

Case : Molded plastic body Terminals :plated leads, solderable per MIL-STD-202, Method 208 guaranteed Polarity : Color band on body denotes cathode end Mounting Position : Any Weight : 1.1 grams



Dimensions in inches and (millimeters)

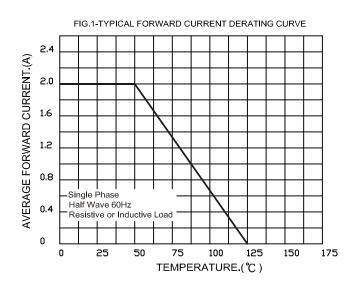
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

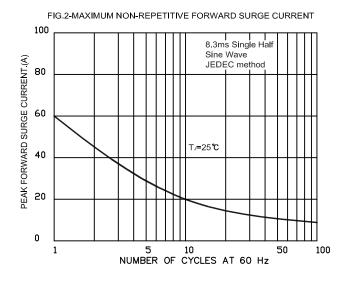
Rating at 25° C ambient temp. unless otherwise specified. Single phase, half sine wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20 %.

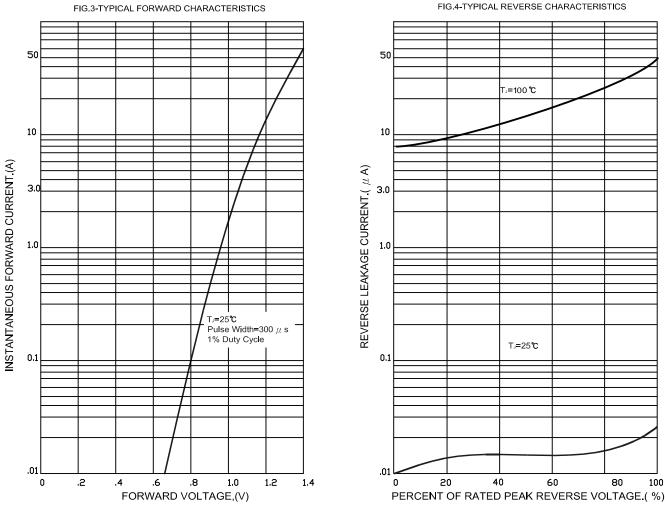
Characteristic	Symbol	2W 005M	2W 01M	2W 02M	2W 04M	2W 06M	2W 08M	2W 10M	Units
Maximum recurrent peak reverse voltage	Vrrm	50	100	200	400	600	800	1000	Volts
Maximum RMS voltage	VRMS	35	70	140	280	420	560	700	Volts
Maximum DC blocking voltage	VDC	50	100	200	400	600	800	1000	Volts
Maximum average forward rectified current .375"(9.5mm) lead length at Ta=50℃	lo	2.0							Amps
Peak forward surge current ,8.3ms single half sine-wave superimposed on rated load(JEDEC Method)	IFSM	60						Amps	
Maximum instantaneous forward voltage drop per bridge element at 2.0 A	VF	1.1						Volts	
Maximum DC reverse currentTa=25 ℃at rated DC blocking voltageTa=100 ℃	Ir	10 500							μΑ
Operating temperature range	Tj	-65 to +125							C
Storage temperature range	Tstg	-65 to +150							ດໍ



RATINGS AND CHARACTERISTIC CURVES







www.dacosemi.com.tw

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