



查询W005MG供应商

W005MG THRU W10MG

捷多邦, 专业PCB打样工厂, 24小时加急出货

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MINIATURE SINGLE PHASE 1.5 AMPS.

GLASS PASSIVATED BRIDGE RECTIFIERS



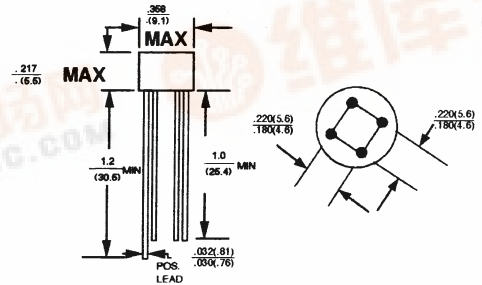
FEATURES

- * Glass passivated junction
- * Surge overload ratings to 30 amperes peak
- * Ideal for printed circuit board
- * Reliable low cost construction technique results in inexpensive product

VOLTAGE RANGE

50 to 1000 Volts
CURRENT
1.5 Amperes

WOB



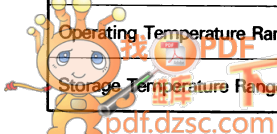
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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%

TYPE NUMBER	SYMBOLS	W005MG	W01MG	W02MG	W04MG	W06MG	W08MG	W10MG	UNITS
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum D.C Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @ $T_A = 50^\circ\text{C}$	$I_{F(AV)}$	1.5							A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	I_{FSM}	50							A
Maximum Forward Voltage Drop per element @ 1.0A	V_F	1.10							V
Maximum Reverse Current at Rated @ $T_A = 25^\circ\text{C}$ D.C. Blocking Voltage per element @ $T_A = 125^\circ\text{C}$	I_R	10 500							μA μA
Operating Temperature Range	T_J	-55 to +150							$^\circ\text{C}$
Storage Temperature Range	T_{STG}	-55 to +150							$^\circ\text{C}$





RATINGS AND CHARACTERISTIC CURVES (W005MG THRU W10MG)

FIG. 1 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT - PER ELEMENT

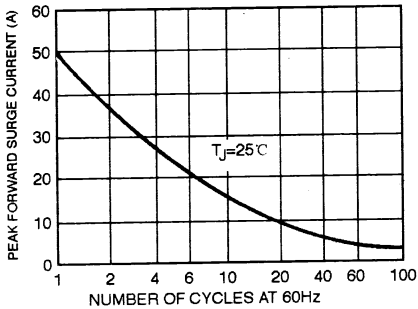


FIG. 2 - TYPICAL FORWARD OUTPUT CURRENT DERATING CURVE

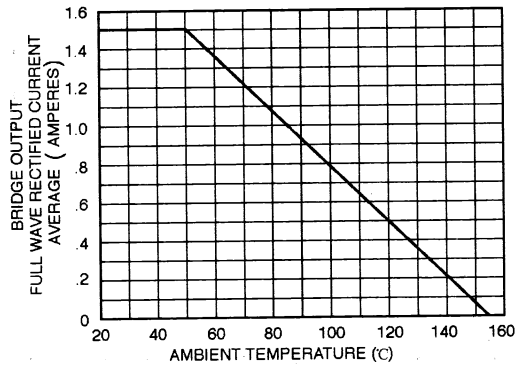


FIG. 3 - TYPICAL FORWARD CHARACTERISTICS - PER ELEMENT

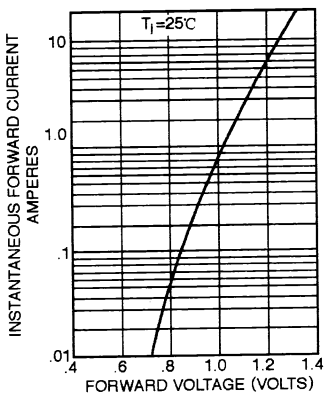


FIG. 4 - TYPICAL REVERSE CHARACTERISTICS PER ELEMENT

