



WOXG/WOXMG SERIES

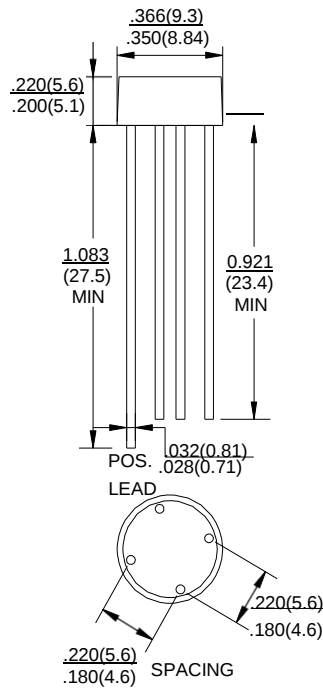
GLASS PASSIVATED BRIDGE RECTIFIERS

REVERSE VOLTAGE - 50 to 1000Volts
FORWARD CURRENT - 1.5 Amperes

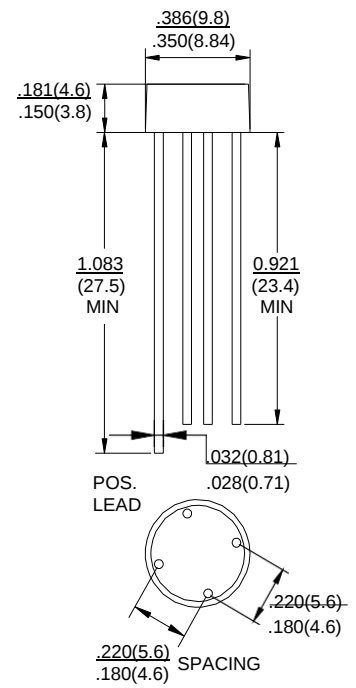
FEATURES

- Surge overload rating -40 amperes peak
- Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique results in expensive product
- Mounting Position :Any

WOB



WOBM



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.

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

For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	W005G	W01G	W02G	W04G	W06G	W08G	W10G	UNIT
		W005MG	W01MG	W02MG	W04MG	W06MG	W08MG	W10MG	
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	V _{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V _{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @T _A =25°C	I <sub(av)< sub=""></sub(av)<>	1.5							A
Peak Forward Surge Current , 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	I _{FSM}	40							A
I ² t Rating for Fusing (t<8.3ms)	I ² t	6.64							A ² s
Maximum Forward Voltage Drop Per Element at 1.5A Peak	V _F	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage T _J =25°C	I _R	10.0							μA
		1.0							mA
Operating Temperature Range	T _J	-55 to +150							°C
Storage Temperature Range	T _{STG}	-55 to +150							°C



RATING AND CHARACTERISTIC CURVES WOXG/WOXMG SERIES

FIG.1-MXIMUM NON-REPETITIVE
SURGE CURRENT

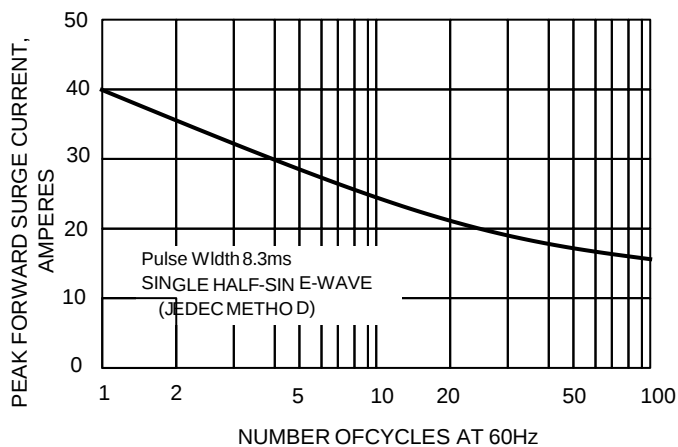


FIG.2-DERATING CURVE
OUTPUT RECTIFIED CURRENT

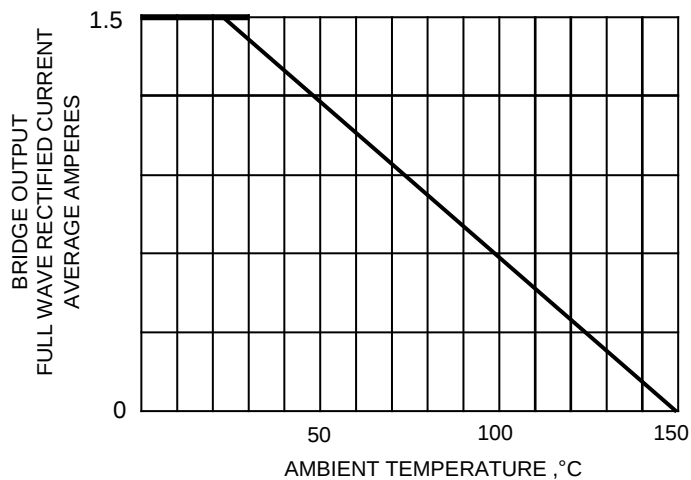


FIG.3-TYPICAL FORWARD
CHARACTERISTICS

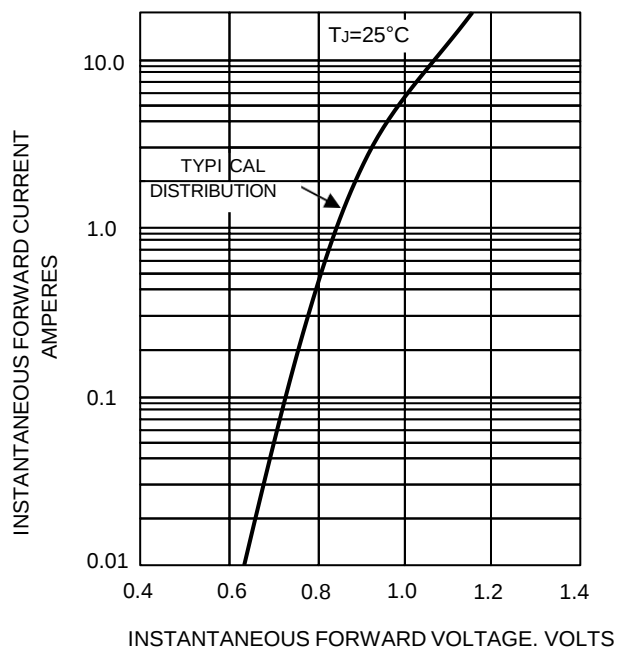
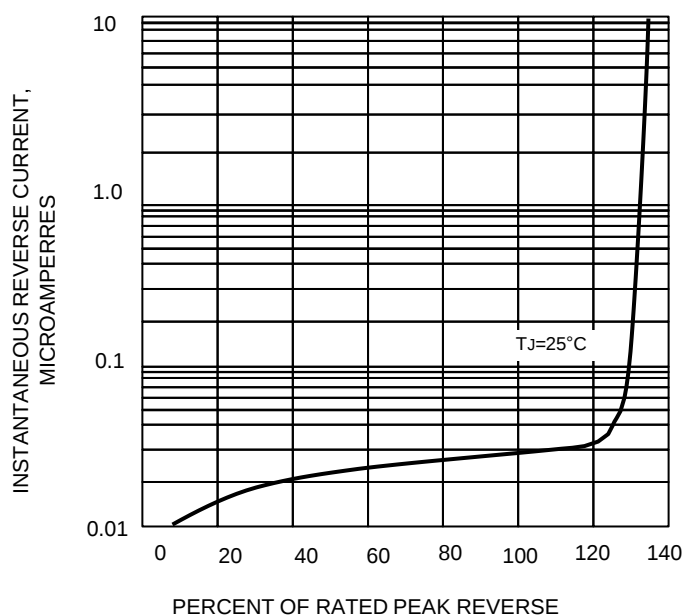


FIG.4-TYPIACL REVERSE
CHARACTERISTICS



The cruve graph is for reference only, can't be the basis for judgment(曲线图仅供参考)!

REV. 6, 30-Dec-2014