

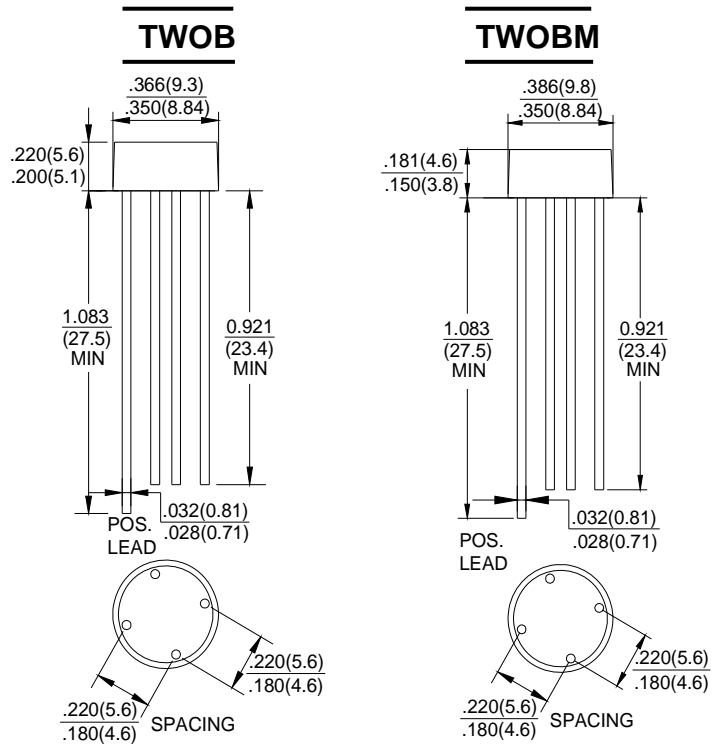
**GLASS PASSIVATED
BRIDGE RECTIFIERS**

REVERSE VOLTAGE - **50 to 1000** Volts
FORWARD CURRENT - **2.0** Ampere

Features

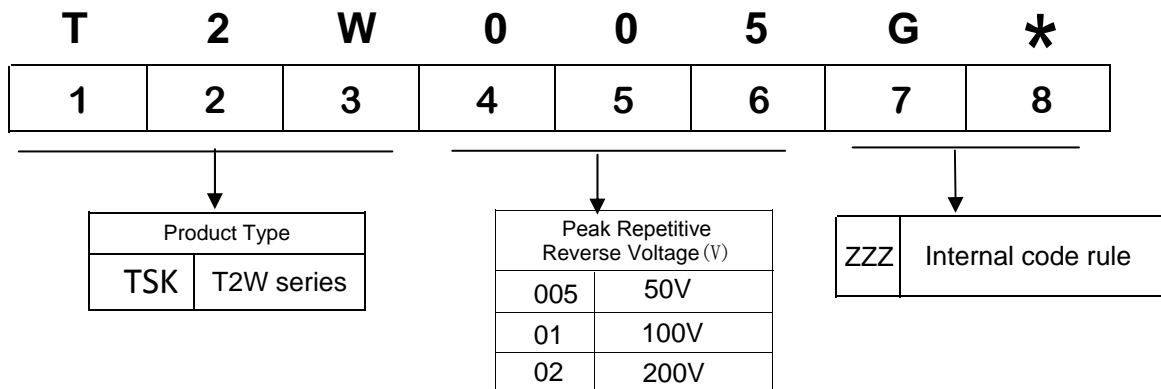
- Surge overload rating -60 amperes peak
- Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique results in expensive product
- Mounting Position :Any
- Lead:sliver plated copper lead.

Dimensions In Inches and (millimeters)



Dimensions in inches and (millimeters)

Part Number Code



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	T2W005G	T2W01G	T2W02G	T2W04G	T2W06G	T2W08G	T2W10G	UNIT
		T2W005MG	T2W01MG	T2W02MG	T2W04MG	T2W06MG	T2W08MG	T2W10MG	
Maximum Recurrent Peak Reverse Voltage	VRRM	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	VDC	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current @T _A =25°C	I(AV)	2.0							A
Peak Forward Surge Current , 8.3ms Single Half Sine-Wave Super Imposed on Rated Load	IFSM	60							A
I ² t Rating for Fusing (t<8.3ms)	I ² t	15.0							A ² s
Maximum Forward Voltage Drop per Element at 2.0A Peak	V _F	1.1							V
Maximum Reverse Current at Rated DC Blocking Voltage	I _R	10.0 1.0							μA mA
Typical Junction Capacitance Per Element (Note1)	C _J	30							pF
Operating Temperature Range	T _J	-55 to +150							°C
Operating Temperature Range	T _{STG}	-55 to +150							°C

Note:1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

2.The typical data above is for reference only(典型值仅供参考).

RATING AND CHARACTERISTIC CURVES

FIG.1-FORATING CURVE
OUTPUT RECTIFIED

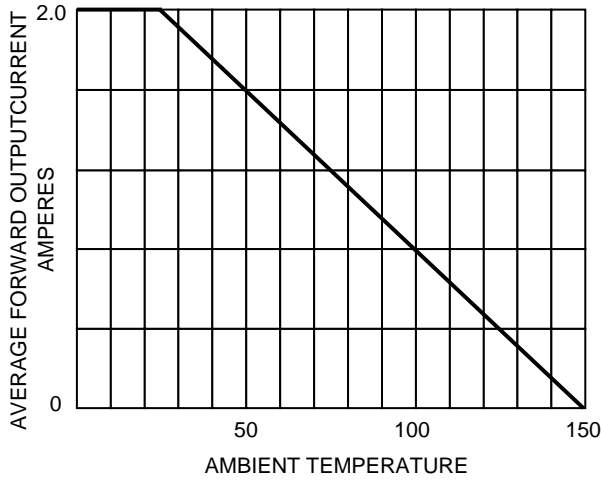


FIG.2-MAXIMUM NON-REPETITIVE PEAK
FORWARD SURGE CURRENT

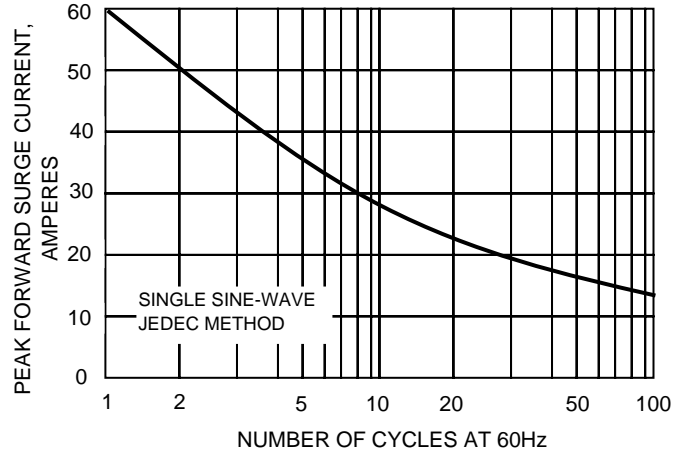


FIG.3-TYPIACL REVERSE CHARACTERISTICS

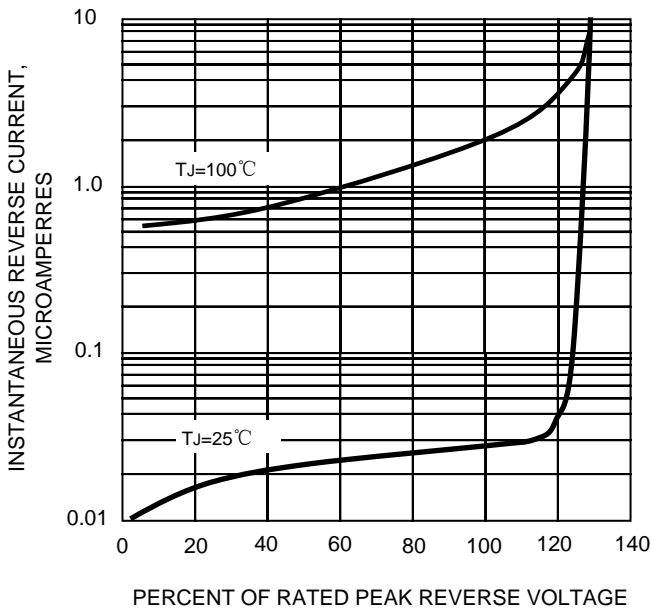


FIG.4-TYPICAL FORWARD
CHARACTERISTICS

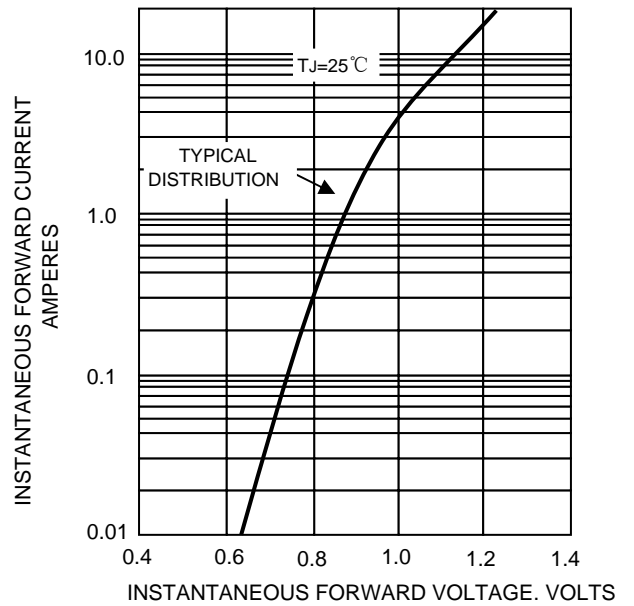


FIG.5-TYPICAL JUNCTION CAPACITANCE PER BRIDGE

