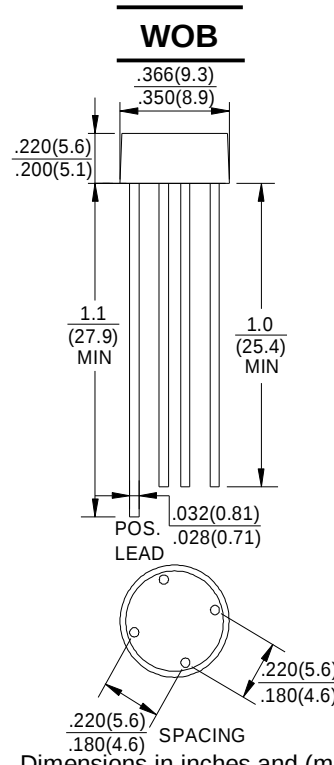


SILICON BRIDGE RECTIFIERS	REVERSE VOLTAGE - 50 to 1000Volts FORWARD CURRENT - 2.0 Amperes
FEATURES ● Surge overload rating -60 amperes peak ● Ideal for printed circuit board ● Reliable low cost construction utilizing molded plastic technique results in expensive product ● Mounting position :Any ● Lead: Silver plated copper lead	 WOB 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	2W005	2W01	2W02	2W04	2W06	2W08	2W10	UNIT
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 0.375" (9.5mm) Lead Lengths @T _A =25 °C	I _(AV)	2.0							A
Peak Forward Surge Current , 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	I _{FSM}	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 DC Reverse Current at Rated DC Blocking Voltage T _A =25°C	I _R	10.0							uA
		1.0							mA
Typical Junction Capacitance Per Element (Note1)	C _J	30							pF
Operating Temperature Range	T _J	-55 to +125							°C
Storage Temperature Range	T _{STG}	-55 to +125							°C

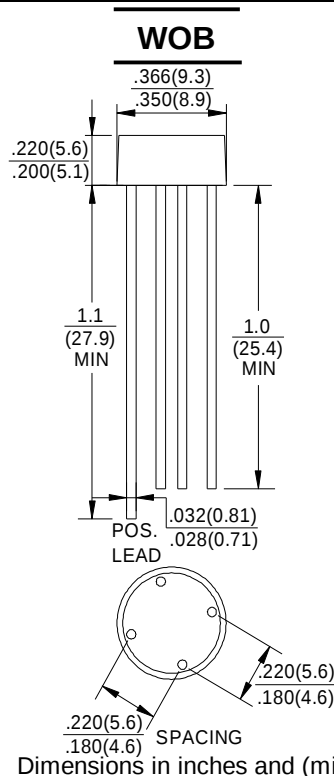
Note:1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

SILICON BRIDGE RECTIFIERS

REVERSE VOLTAGE - 50 to 1000Volts
FORWARD CURRENT - 2.0 Amperes

FEATURES

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