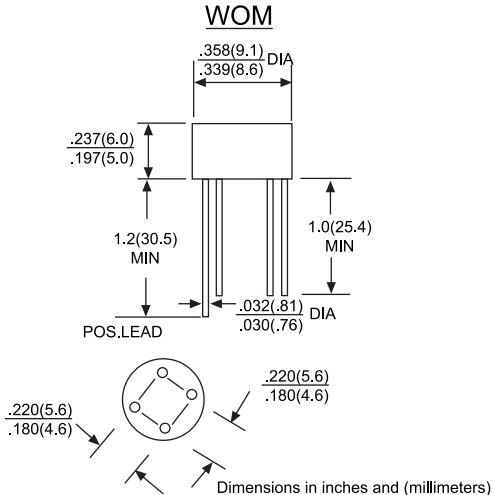


W005 THRU W10

<p>SINGLE PHASE 1.0 AMPS. SILICON BRIDGE RECTIFIERS</p>	<p>Voltage Range 50 to 1000 Volts Current 1.0 Amperes</p>
<p>FEATURES</p> <ul style="list-style-type: none"> ● Surge overload ratings to 40 amperes peak ● Ideal for printed circuit board Reliable low cost construction technique results in inexpensive product ● High temperature soldering guaranteed: 250°C / 10 seconds / 0.375"(9.5mm) lead length at 5 lbs.,(2.3Kg) tension <p>Mechanical Data</p> <ul style="list-style-type: none"> ● Case:Molded plastic ● Lead:Solder plated ● Polarity:As marked ● Weight:1.10 grams 	<p>WOM</p>  <p>Dimensions in inches and (millimeters)</p>

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%

Type Number		W005	W01	W02	W04	W06	W08	W10	UNITS
Maximum Repetitive 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 = 50°C	I _{F(AV)}	1.0							A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I _{FSM}	40							A
Maximum Instantaneous Forward Voltage Drop Per Leg@1.0A	V _F	1.0							V
Maximum DC Reverse Current at Rated DC Blocking Voltage T _A = 25°C T _A = 100°C	I _R	10 500							uA uA
Operating Temperature Range	T _J	-55 to+125							°C
Storage Temperature Range	T _{STG}	-55 to+150							°C

RATING AND CHARACTERISTIC CURVES W005 THRU W10

