



W005 THRU W10

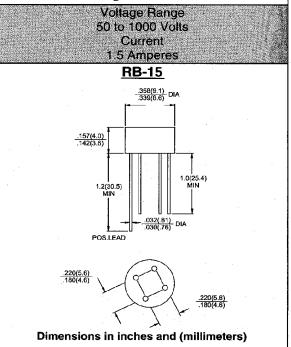
Single Phase 1.5 AMPS. Silicon Bridge Rectifiers

Features

- UL Recognized File # E-96005
- Surge overload ratings to 30 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., (2.3 kg) tension

Mechanical Data

Case: Molded plastic
Lead: solder plated
Polarity: As marked
Weight: 1.07 grams



Maximum Ratings and Electrical Characteristics

Rating at 25°C ambient temperature unless otherwise specified.

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

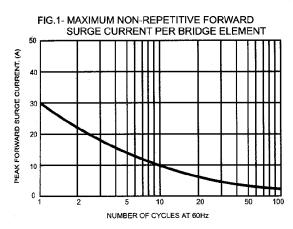
For canacitive load, denate current by 20%

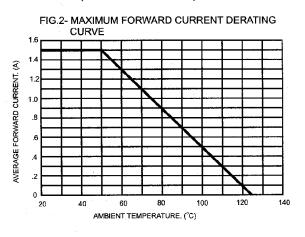
For capacitive load, derate current by 20%	>							
Symbols	W005	W01	W02	W04	W06	W08	W10	Units
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current $@T_A = 50\%$	1.5							Α
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	40							Α
Maximum Instantaneous Forward Voltage @ 1.0A	1.0							V
Maximum DC Reverse Current @ T _A =25°C	10							uA
at Rated DC Blocking Voltage @ T _A =100℃	500							uA
Operating Temperature Range T _J	-55 to +125							°C
Storage Temperature Range T _{STG}	-55 to +150							°C

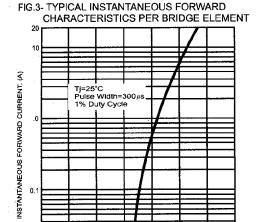




RATINGS AND CHARACTERISTIC CURVES (W005 THRU W10)







FORWARD VOLTAGE. (V)

1.2

