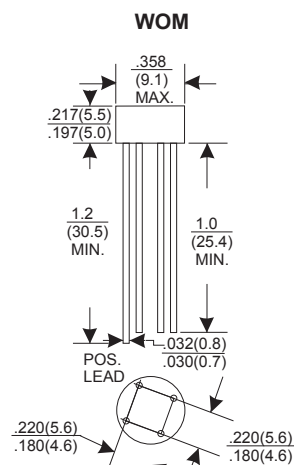


Io

A diagram of a four-pin connector. It consists of a black cylindrical base with four pins extending from it. The pins are of different lengths: the top pin is the longest, followed by the bottom pin, then the middle-left pin, and the middle-right pin is the shortest.

- \* Ideal for printed circuit board
- \* Low forward voltage
- \* Low leakage current
- \* Polarity: marked on body
- \* Mounting position: Any
- \* Weight: 1.20 grams

1.5 Amperes



Dimensions in inches and (millimeters)

Rating 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	W005M	W01M	W02M	W04M	W06M	W08M	W10M	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 .375"(9.5mm) Lead Length at Ta=25°C								A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	1.5							A
Maximum Forward Voltage Drop per Bridge Element at 1.0A D.C.	50							V
Maximum DC Reverse Current Ta=25°C	1.0							μA
at Rated DC Blocking Voltage Ta=100°C	10							μA
Operating Temperature Range, Tj	500							°C
Storage Temperature Range, TSTG	-65 — +125							°C
	-65 — +150							°C

## RATING AND CHARACTERISTIC CURVES (W005M THRU W10M)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

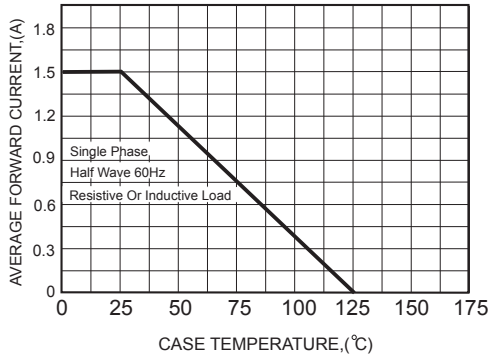


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

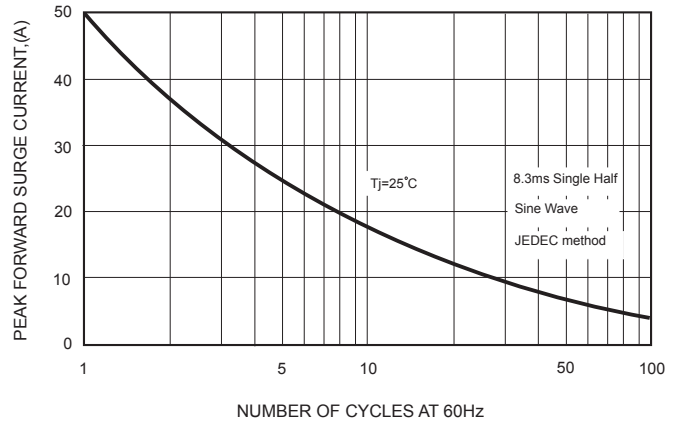


FIG.3-TYPICAL FORWARD CHARACTERISTICS

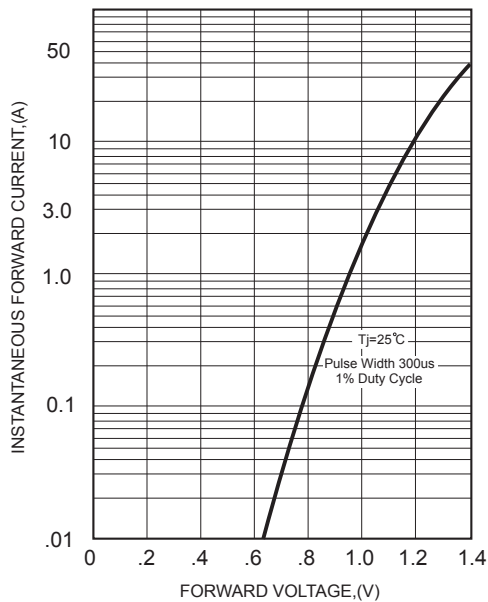


FIG.4-TYPICAL REVERSE CHARACTERISTICS

