



WOM

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- Technical drawing of a mechanical part showing dimensions and tolerances. The drawing includes a side view and a top view.
- Side View Dimensions:**
- Overall width: 9.1 MAX.
 - Top flange thickness: $\frac{.217(5.5)}{.197(5.0)}$
 - Bottom flange thickness: $\frac{0.217(5.5)}{0.177(4.5)}$
- Top View Dimensions:**
- Overall diameter: $\frac{.220(5.6)}{.180(4.6)}$
 - Inner hole diameter: $\frac{.220(5.6)}{.180(4.6)}$
 - Feature labeled **LEAD** is indicated.

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

RATING AND CHARACTERISTIC CURVES (W005M THRU W10M)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

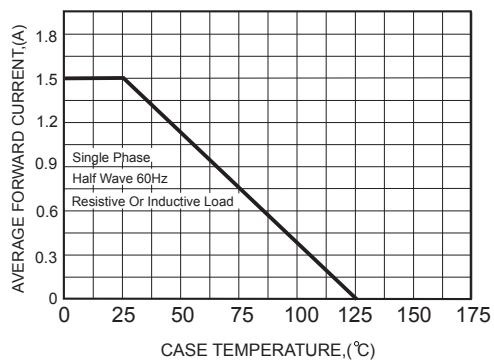


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

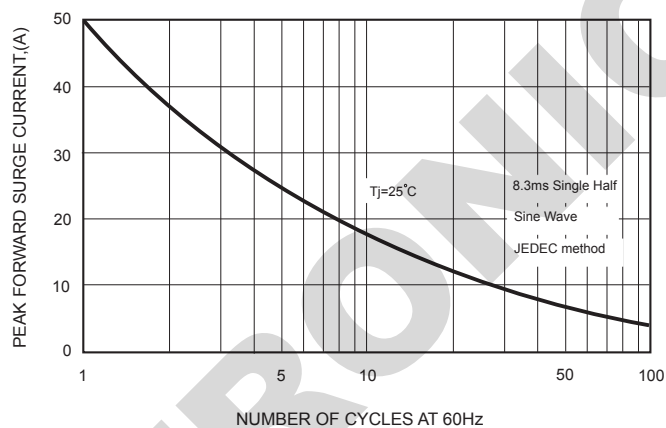


FIG.3-TYPICAL FORWARD CHARACTERISTICS

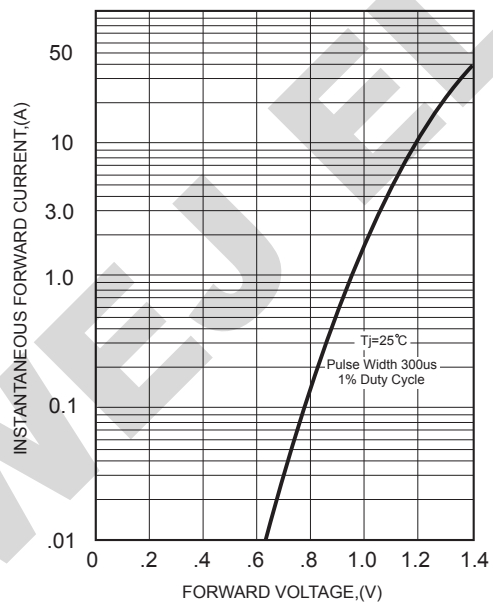


FIG.4-TYPICAL REVERSE CHARACTERISTICS

