

VOLTAGE RANGE

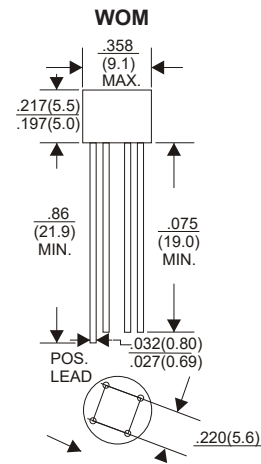
50 to 1000 Volts

CURRENT

2.0 Amperes

FEATURES

- * Ideal for printed circuit board
- * Low forward voltage
- * Low leakage current
- * Polarity: marked on body
- * Mounting position: Any
- * Both normal and Pb free products are available:
- * Normal: 80~95%Sn, 5~20%Pb
- * Pb free: 99Sn above can meet RoHS environment substance directive request



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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	2W005	2W01	2W02	2W04	2W06	2W08	2W10	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	2.0							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 — +150							°C
Storage Temperature Range, TSTG	-65 — +150							°C



2W005 THRU 2W10

SINGLE PHASE 2.0 AMP BRIDGE RECTIFIERS



RATING AND CHARACTERISTIC CURVES (W005 THRU W10)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

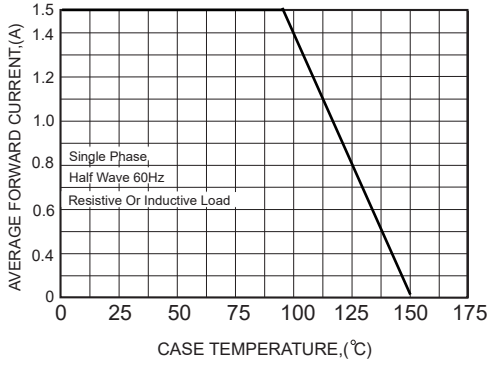


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

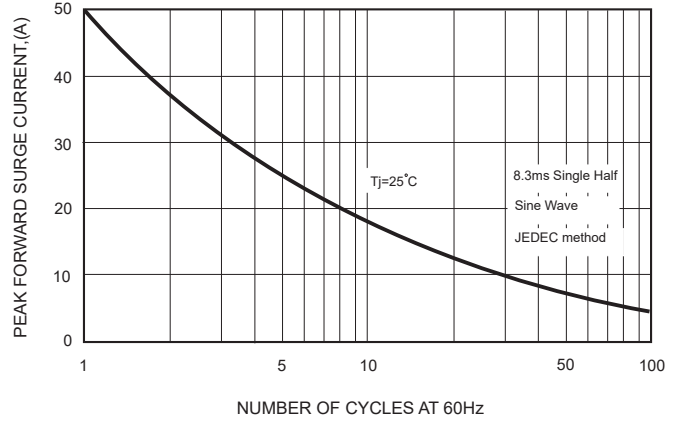


FIG.3-TYPICAL FORWARD CHARACTERISTICS

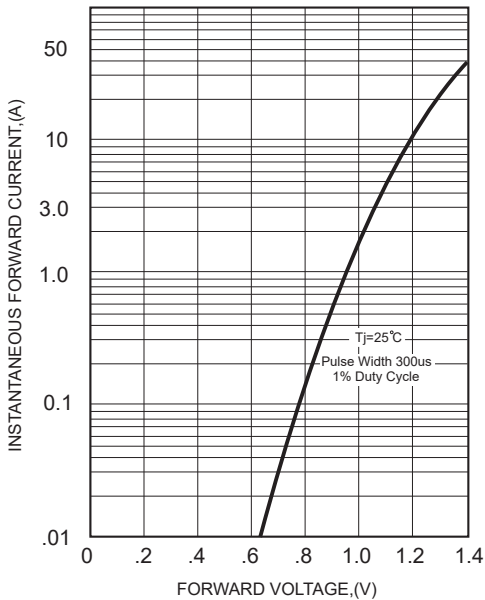
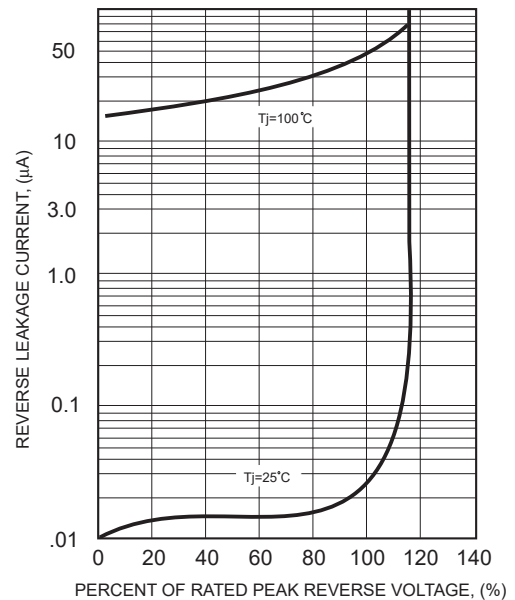


FIG.4-TYPICAL REVERSE CHARACTERISTICS



The cruve graph is for reference only can't be the basis for judgment(曲线图仅供参考)!

Device	Package	Shipping
2W005-2W10	WOM	500/Box