

RoHS Compliant Product

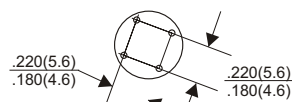
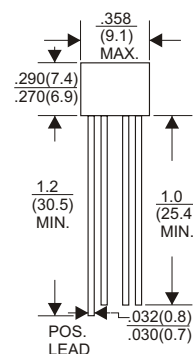
A suffix of "-C" specifies halogen-free.



● FEATURES

- Surge overload rating – 60 amperes peak
- Ideal for printed circuit board
- Reliable low cost construction utilizing
Molded plastic technique results in expensive product
- Mounting position: Any
- Weight: 1.6 grams

WOL



Dimensions in inches and (millimeters)

● MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating 25 °C ambient temperature unless otherwise specified.

Resistive or inductive load, 60Hz,

For capacitive load, derate current by 20%.

TYPE NUMBER	2W005G	2W01G	2W02G	2W04G	2W06G	2W08G	2W10G	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 0.375" (9.5mm) Lead Lengths at Ta=25°C	2.0							A
Peak Forward Surge Current, 8.3 ms Single Half Sine-Wave Superimposed on Rated Load (JEDEC method)	60							A
I ² t Rating for Fusing (t<8.3ms)	15.0							A ² S
Maximum Forward Voltage Drop Per Element at 2.0 A Peak	1.1							V
Maximum DC Reverse Current at Ta=25 °C at Rated DC Blocking Voltage at Ta=100 °C	10.0 1.0							μA mA
Typical Junction Capacitance per Element (Note 1)	30							pF
Operating Temperature Range T _J	-55 ~ +150							°C
Storage Temperature Range T _{STG}	-55 ~ +150							°C

NOTES:

1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.

● RATING AND CHARACTERISTIC CURVES (2W005G THRU 2W10G)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

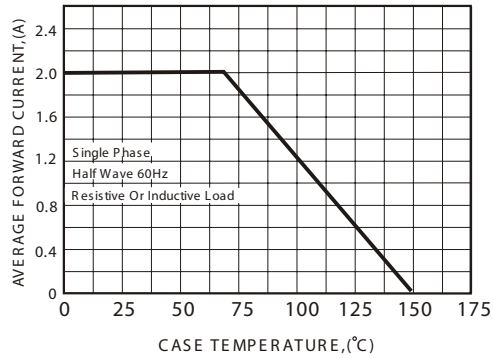


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

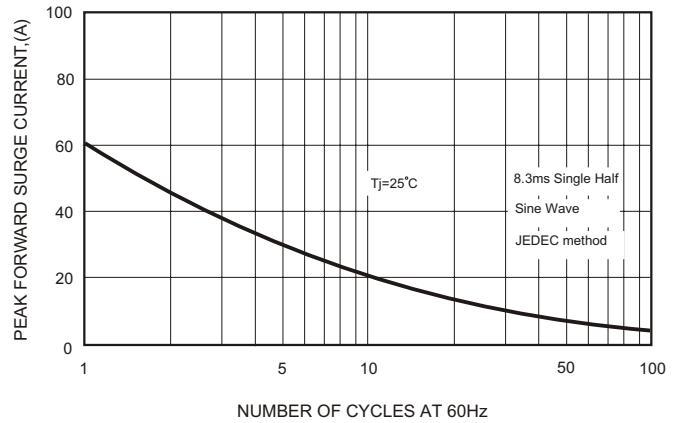


FIG.3-TYPICAL FORWARD CHARACTERISTICS

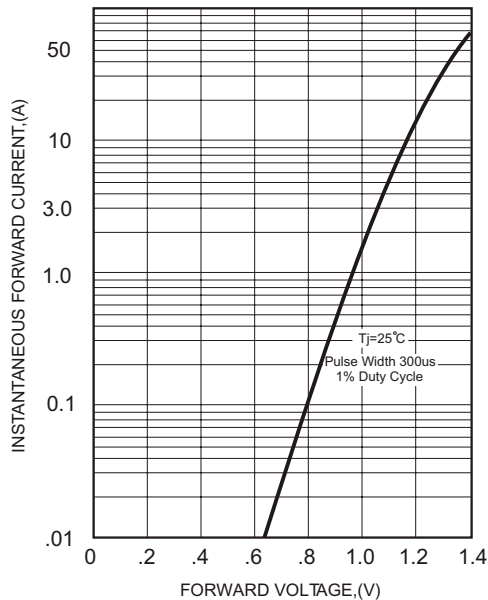


FIG.4-TYPICAL REVERSE CHARACTERISTICS

