

GW

- * Ideal for surface mount applications
- * Easy pick and place
- * Built-in strain relief
- * Low forward voltage drop

- * Case: Molded plastic
- * Epoxy: UL 94V-0 rate flame retardant
- * Metallurgically bonded construction
- * Polarity: Color band denotes cathode end
- * Mounting position: Any

150 to 200 Volts

3.0 Amperes

Technical drawing of a 1/2" x 1/2" x 1/8" brass plug. The drawing shows two views: a top view and a side view. Dimensions are provided in inches and millimeters.

Top View Dimensions:

- Overall width: .185 (4.70) inches
- Overall height: .155 (3.94) inches
- Inner width: .160 (4.06) inches
- Inner height: .130 (3.30) inches
- Left side thickness: .083 (2.11) inches (max)
- Left side thickness: .075 (1.91) inches (min)
- Right side thickness: .012 (0.31) inches (max)
- Right side thickness: .006 (0.15) inches (min)

Side View Dimensions:

- Overall height: .096 (2.44) inches
- Overall width: .200 (5.08) inches
- Inner height: .083 (2.13) inches
- Inner width: .220 (5.59) inches
- Bottom thickness: .030 (0.76) inches
- Top thickness: .008 (0.203) inches (max)
- Bottom thickness: .050 (1.27) inches

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%.

NOTES:

1. Measured at 1MHz and applied reverse voltage of 4.0V D.C.
2. Thermal Resistance Junction to Lead.

RATING AND CHARACTERISTIC CURVES (SM3150B THRU SM3200B)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

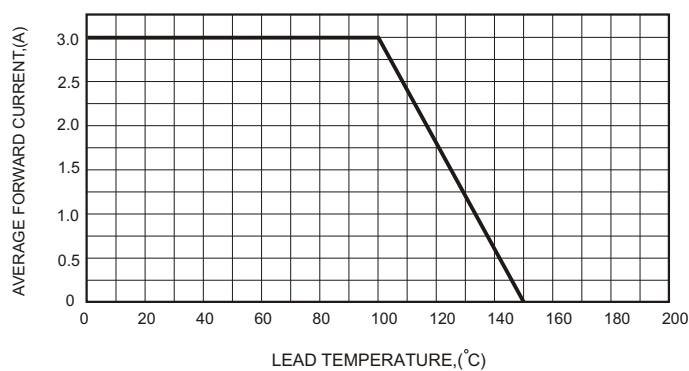


FIG.2-TYPICAL FORWARD CHARACTERISTICS

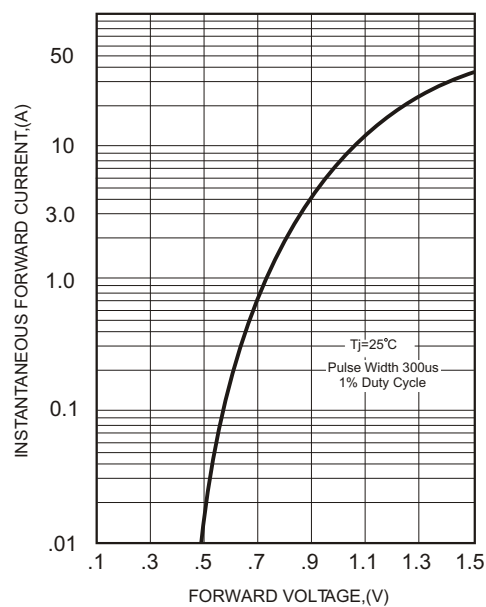


FIG.3-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

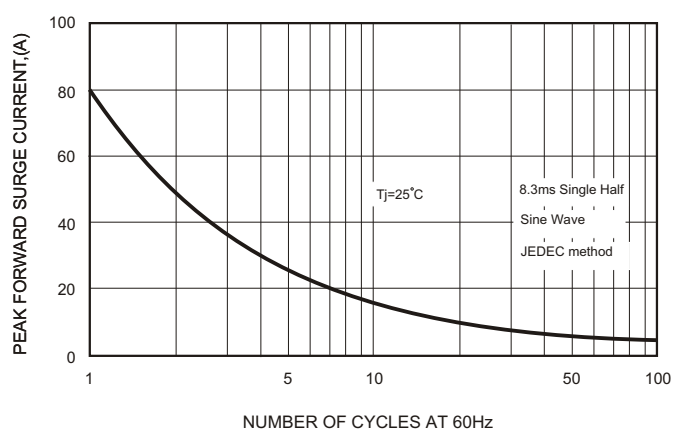


FIG.4-TYPICAL JUNCTION CAPACITANCE

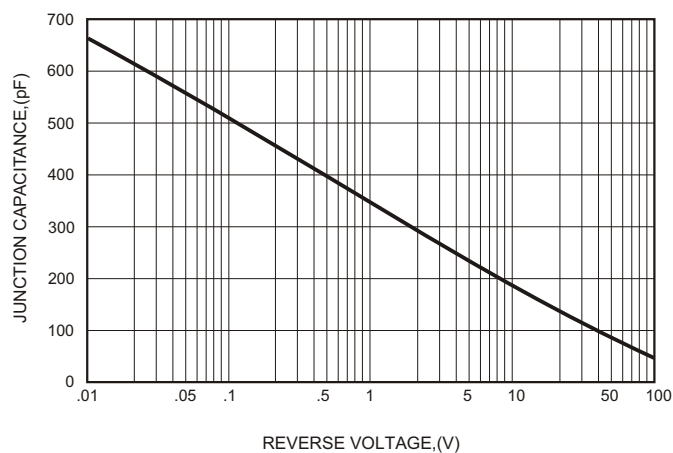


FIG.5 - TYPICAL REVERSE CHARACTERISTICS

