

Pb Free Plating Product

Features

- ## Mechanical Data

- ITO-220AB Unit: inch (mm)
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- Technical drawing of the ITO-220AB component, showing dimensions in inches (mm).
- Top View Dimensions:**
- Overall width: .406 (10.3)
 - Distance from top edge to center of hole: .381 (9.7)
 - Hole diameter: $\varnothing$.134 (3.4)
 - Distance from center of hole to bottom edge: .118 (3.0)
- Side View Dimensions:**
- Overall height: .272 (6.9)
 - Distance from top edge to start of lead: .248 (6.3)
 - Distance from start of lead to bottom edge: .606 (15.4)
 - Distance from bottom edge to center of hole: .583 (14.8)
- Lead Dimensions:**
- Lead diameter: .071 (1.8)
 - Lead length: .055 (1.4)
 - Lead diameter: .065 (1.6)
 - Lead length: .039 (1.0)
 - Lead diameter: .035 (0.9)
 - Lead length: .011 (0.3)
- Bottom View Dimensions:**
- Distance from center of hole to lead center: .161 (4.1) MAX
 - Lead diameter: .543 (13.8)
 - Lead length: .512 (13.0)
- Detail View Dimensions:**
- Overall width: .189 (4.8)
 - Distance from top edge to center of hole: .165 (4.2)
 - Distance from center of hole to bottom edge: .130 (3.3)
 - Distance from bottom edge to center of hole: .114 (2.9)
- Case Orientation:**
- ① Positive Common Cathode Suffix "CT"
 - ② Negative Common Anode Suffix "CTR"
 - ③ Doubler Suffix "CTD"

For capacitive load, derate current by 20%.

NOTES : (1) Reverse recovery test conditions $I_F = 0.5A$, $I_R = 1.0A$, $I_{rr} = 0.25A$.
(2) Measured at 1.0 MHz and applied reverse voltage of 4.0 Volts DC.
(3) Thermal Resistance junction to case.

FIG.1 - FORWARD CURRENT DERATING CURVE

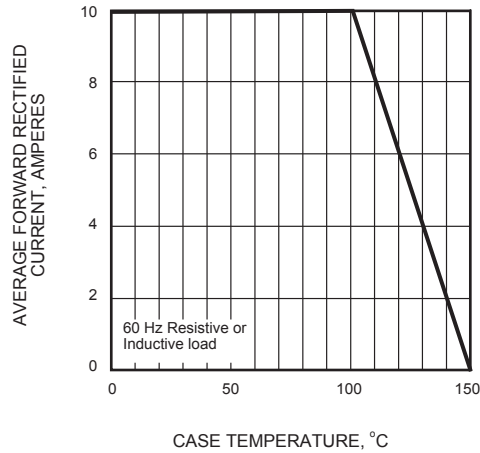


FIG.2 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

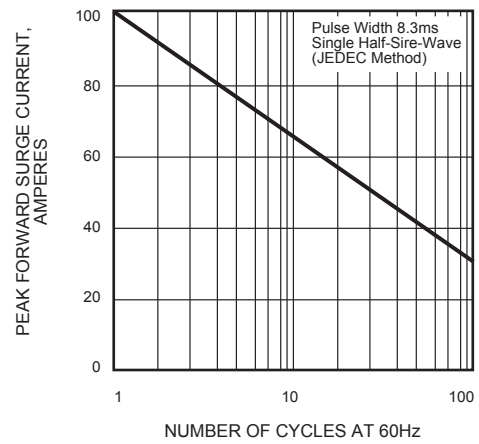


FIG.3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

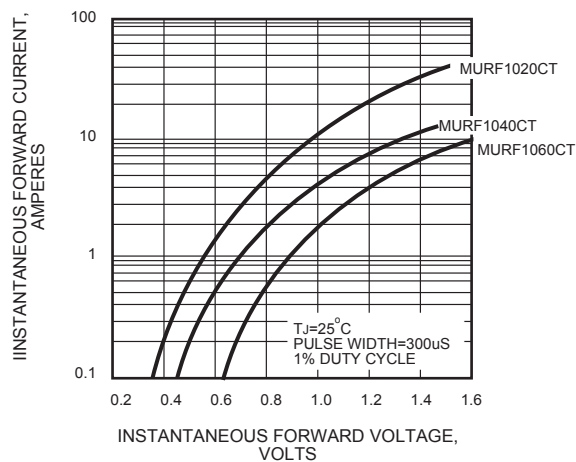


FIG.4 - TYPICAL REVERSE CHARACTERISTICS

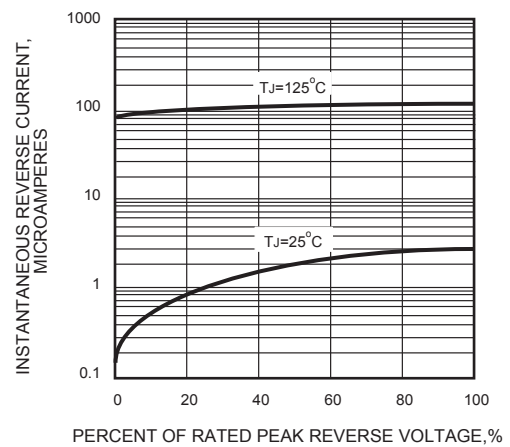


FIG.5 - TYPICAL JUNCTION CAPACITANCE

