



ITO-220AB

Unit : inch (mm)

The technical drawing illustrates the ITO-220AB component with the following dimensions:

- Top View:**
 - Overall width: .406 (10.3)
 - Distance from top edge to center hole: .381 (9.7)
 - Center hole diameter: $\varnothing .134 (3.4)$
 - Distance from center hole to bottom edge: .277 (6.9)
 - Distance from center hole to side edge: .248 (6.3)
 - Distance from top edge to first pin: .112 (2.85)
 - Distance from first pin to second pin: .100 (2.55)
 - Pin diameter: $\varnothing .118 (3.0)$
- Side View:**
 - Overall height: .606 (15.4)
 - Distance from top edge to pin base: .583 (14.8)
 - Pin diameter: .114 (2.9)
 - Distance from pin base to bottom edge: .032 (8) MAX
- Pin Connection View:**
 - Pin 1: .071 (1.8)
 - Pin 2: .055 (1.4)
 - Pin 3: .055 (1.4)
 - Pin 4: .039 (1.0)
 - Pin 5: .035 (0.9)
 - Pin 6: .011 (0.3)
 - Pin 7: .146 (4.1) MAX
 - Pin 8: .543 (13.8)
 - Pin 9: .512 (13.0)

Pin Connections:

- Positive Common Cathode Suffix "CT":** Pin 1 is connected to Pin 2, and Pin 3 is connected to Pin 2.
- Negative Common Anode Suffix "A":** Pin 1 is connected to Pin 2, and Pin 3 is connected to Pin 2.
- Doubler Suffix "D":** Pin 1 is connected to Pin 2, and Pin 3 is connected to Pin 2.

<http://www.thinkisemi.com/>

FIG.1 - FORWARD CURRENT DERATING CURVE

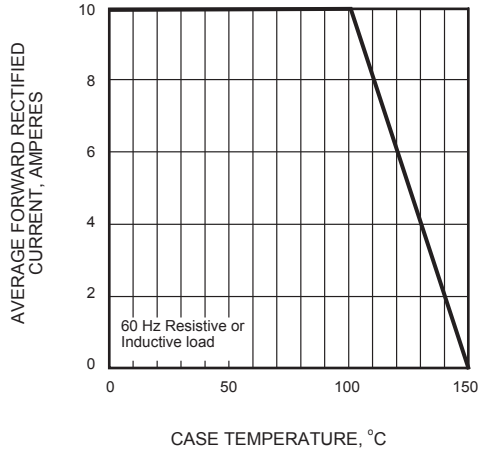


FIG.2 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

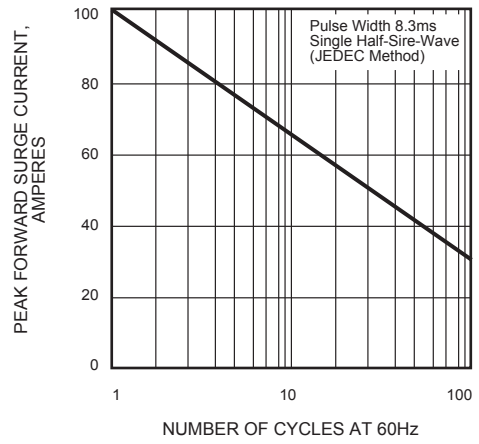


FIG.3 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

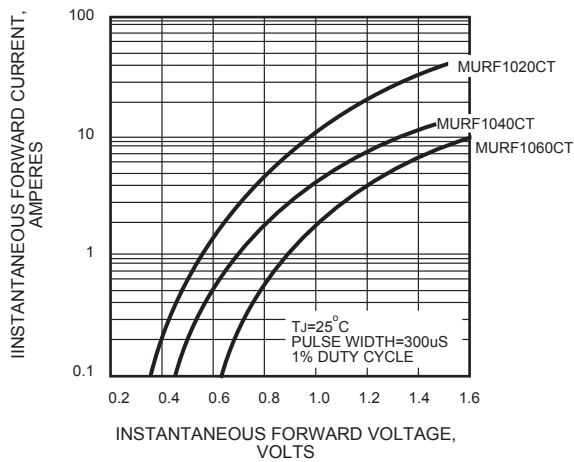


FIG.4 - TYPICAL REVERSE CHARACTERISTICS

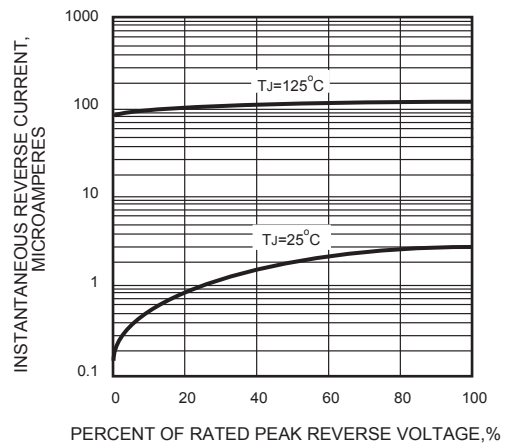


FIG.5 - TYPICAL JUNCTION CAPACITANCE

