

MBR30100CT/MBRF30100CT

Schottky Barrier Rectifier

Reverse Voltage 100 V Forward Current 30 A

Ratings and Characteristics Curves ($T_A = 25^\circ\text{C}$ unless otherwise noted)

FIG. 1- FORWARD CURRENT DERATING CURVE

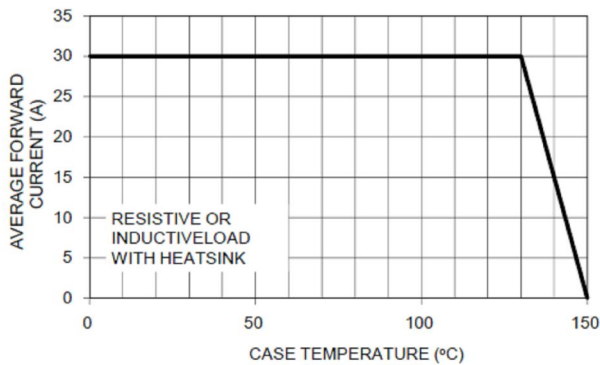


FIG. 2- MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT PER LEG

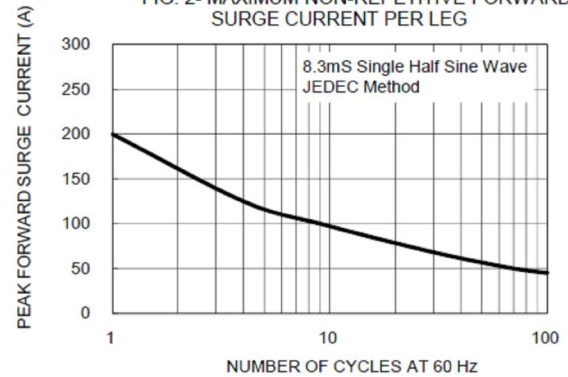


FIG. 3- TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS PER LEG

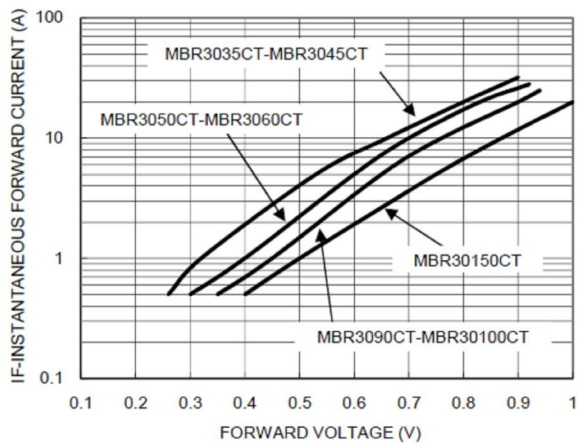


FIG. 4- TYPICAL REVERSE CHARACTERISTICS PER LEG

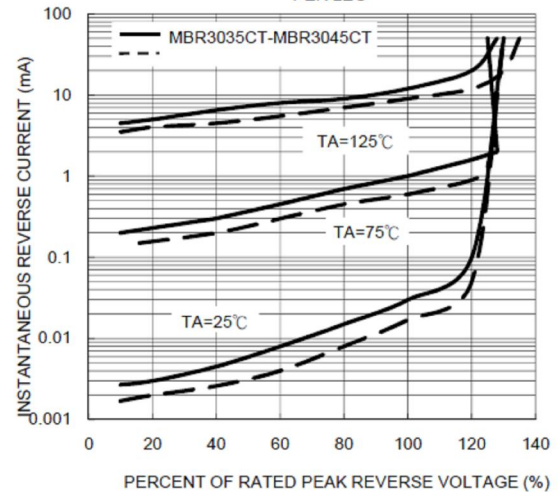


FIG. 5- TYPICAL JUNCTION CAPACITANCE PER LEG

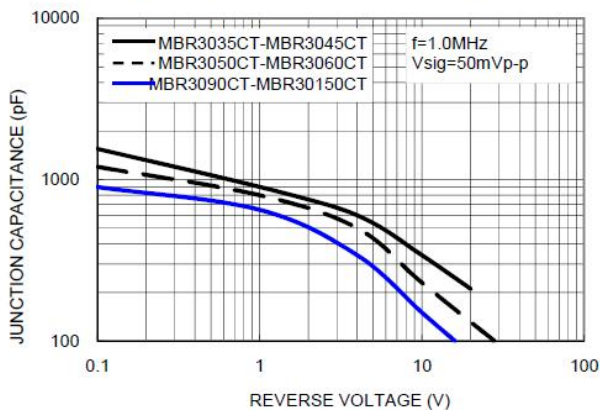
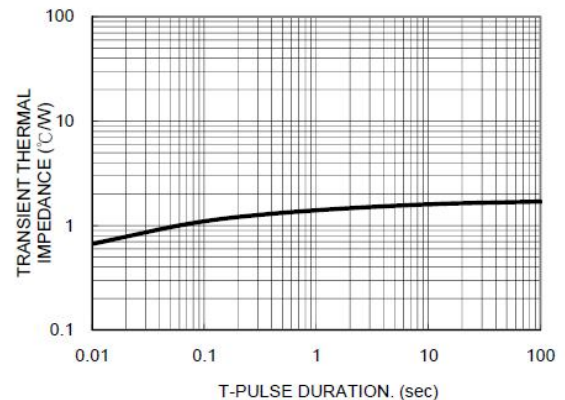


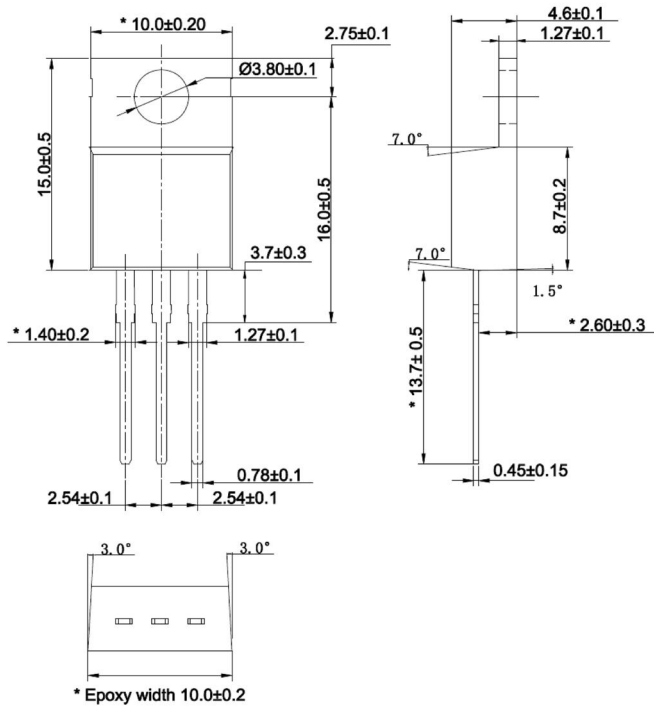
FIG. 6- TYPICAL TRANSIENT THERMAL IMPEDANCE PER LEG



Package Outline Dimensions

in millimeters

TO-220-AB



ITO-220-AB

