

MBR2045CT/MBRF2045CT

Schottky Barrier Rectifier
 Reverse Voltage 45 V Forward Current 20 A

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

FIG.1- FORWARD CURRENT DERATING CURVE

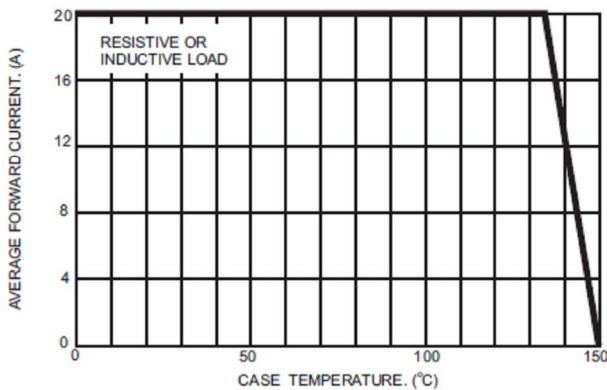


FIG.2- MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT PER LEG

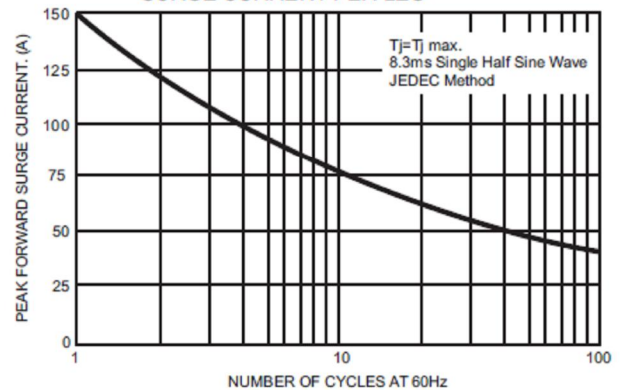


FIG.3- TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS PER LEG

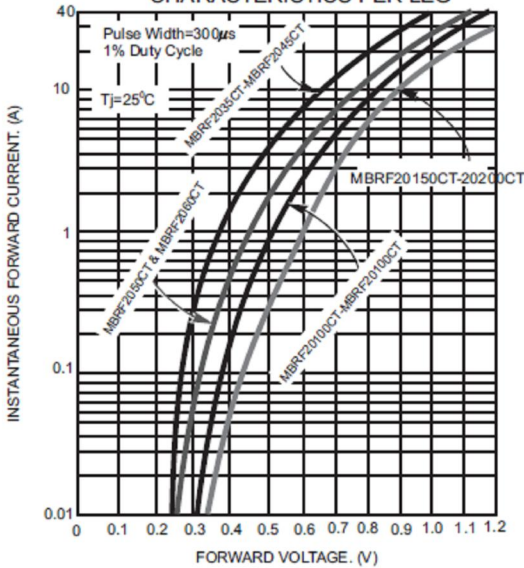


FIG.4- TYPICAL REVERSE CHARACTERISTICS PER LEG

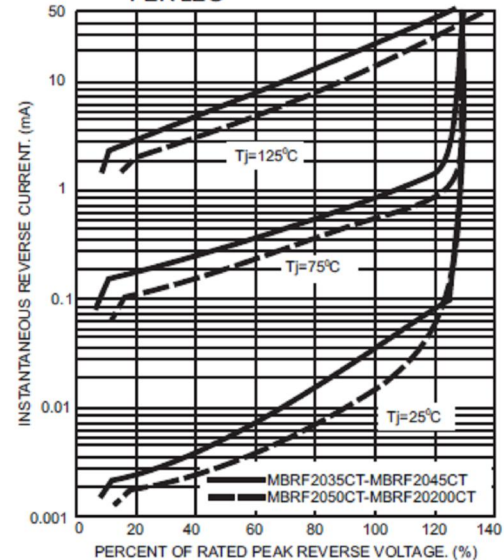


FIG.5- TYPICAL JUNCTION CAPACITANCE PER LEG

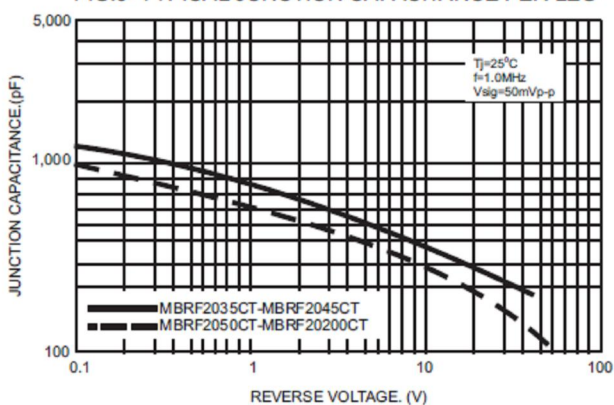
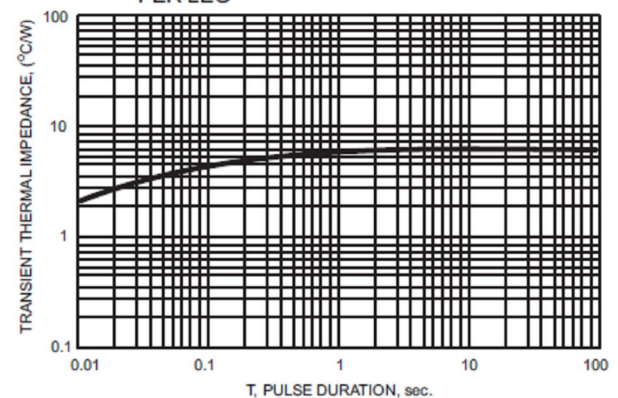


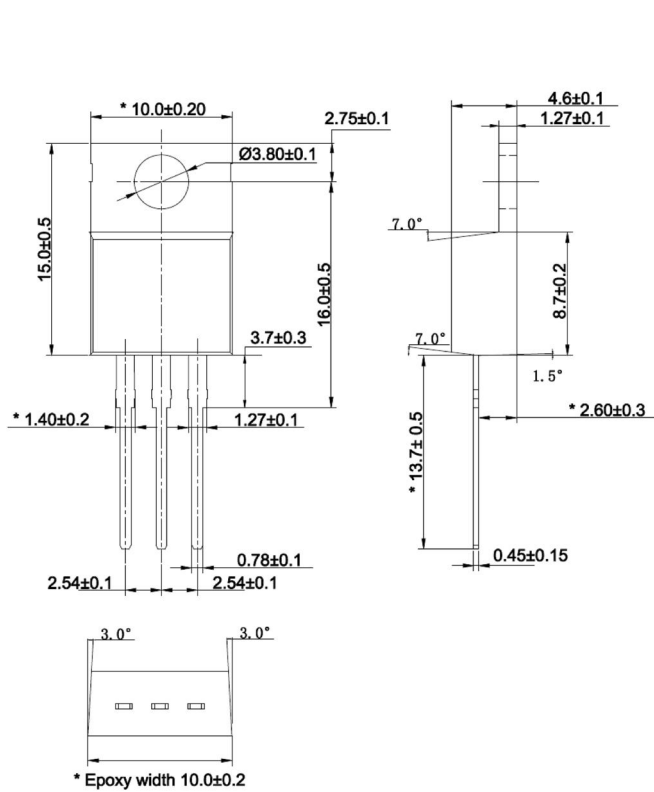
FIG.6- TYPICAL TRANSIENT THERMAL IMPEDANCE PER LEG



Package Outline Dimensions

in millimeters

TO-220-AB



ITO-220-AB

