Schottky Barrier Rectifier Reverse Voltage 45 V Forward Current 20 A

## Ratings and Characteristics Curves (T<sub>A</sub> = 25°C unless otherwise noted)

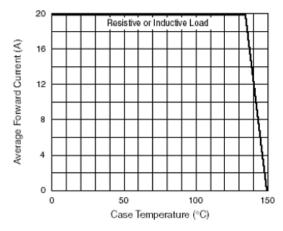


Figure 1. Forward Derating Curve (Total)

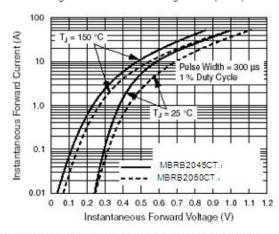


Figure 3. Typical Instantaneous Forward Characteristics Per Diode

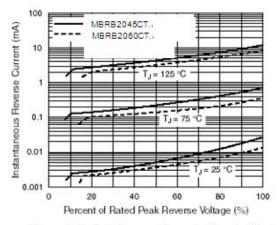


Figure 4. Typical Reverse Characteristics Per Diode

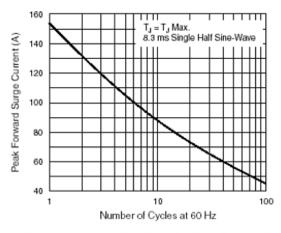


Figure 2. Maximum Non-Repetitive Peak Forward Surge

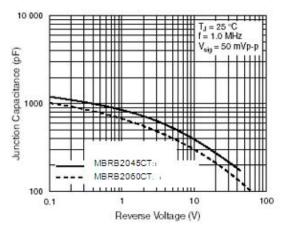


Figure 5. Typical Junction Capacitance Per Diode

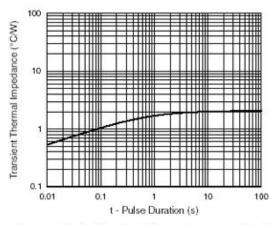


Figure 6. Typical Transient Thermal Impedance Per Diode



## **MBRB2045CT**

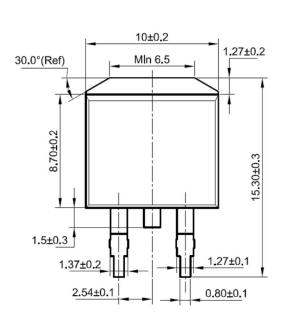
Schottky Barrier Rectifier

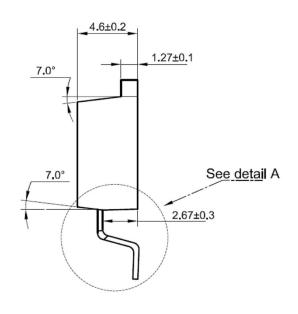
Reverse Voltage 45 V Forward Current 20 A

## **Package Outline Dimensions**

in millimeters

TO-263





## 3.0° 3.0° Epoxy Width10.0±0.2

