Schottky Diodes

Features

- High frequency operation
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- Solder dip 275 °C max. 7 s, per JESD 22-B106

Typical Applications

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

Mechanical Data

- **Package**: TO-220AB
  Molding compound meets

■**Thermal Characteristics** T_a=25 Unless otherwise specified

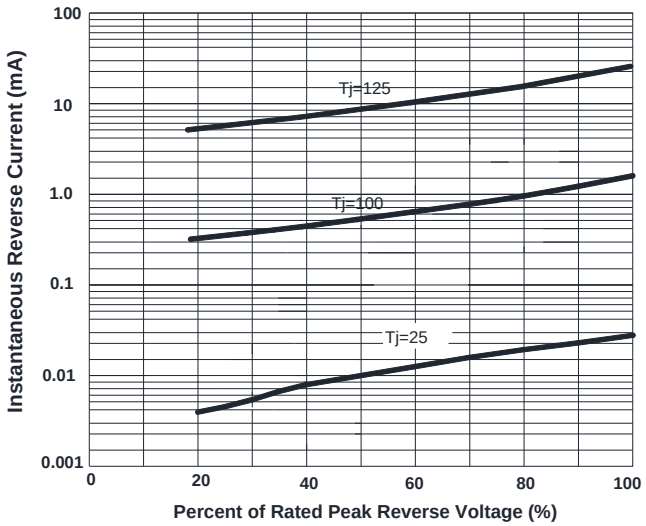
PARAMETER		SYMBOL	UNIT	MBR2060CT
Thermal Resistance	Between junction and case	RθJ-C	/W	2.0

■**Ordering Information** (Example)

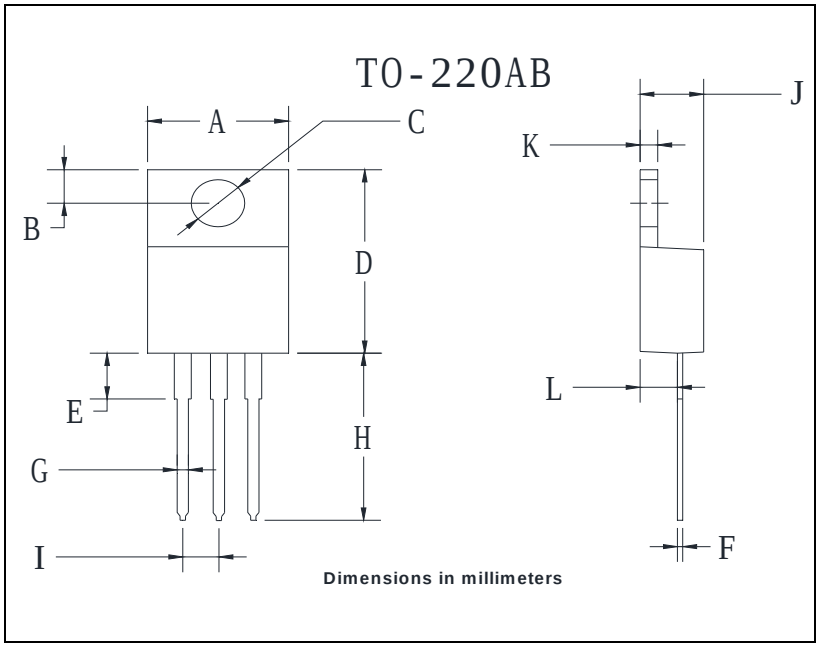
PREFERED P/N	UNIT WEIGHT(g)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
MBR2060CTS	Approximate 1.9	50	1000	5000	Tube

■**Characteristics** (Typical)

FIG.4: Typical Reverse Characteristics



■Outline Dimensions



TO-220AB		
Dim	Min	Max
A	9.95	10.35
B	2.55	2.95
C	3.8	4.0
D	14.95	15.25
E	3.75	4.25
F	0.26	0.5
G	0.68	0.94
H	13.4	13.9
I	2.35	2.65
J	4.38	4.78
K	1.14	1.4
L	2.37	2.79

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n is designed to be used with ordinary electronic equiiment or devices, and not designed to be used wi th equipment or devices which require high el of reliability and the] alfunction of with would directly endanger human life (