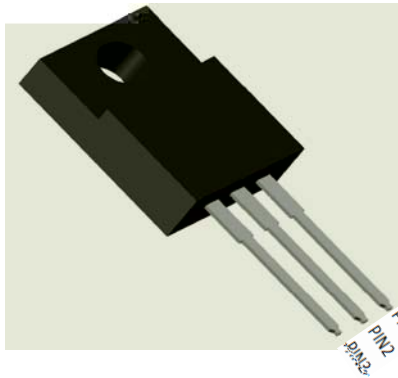


Schottky Diodes



Features

- High frequency operation
- Low forward voltage drop
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced rugged rating, RoHS-compliant

- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B12 N 4 sy

marking code			MBRL3060FCT
Reverse Peak Reverse Voltage	VRRM	V	60
Rectified Output Current @60Hz sine wave, $T_a=25$	IO	A	30
Non-repetitive Forward Current @100Hz sine wave, 1 cycle, $T_a=25$	IFSM	A	200
Squared Time @1ms≤t<8.3ms	I ² t	A ² s	167
Temperature	T _{stg}		-55 ~ +150
Junction Temperature	T _j		-55 ~ +150

Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRL3060FCT
Instantaneous forward voltage drop per diode	VFM	V	IFM=15.0A	0.6

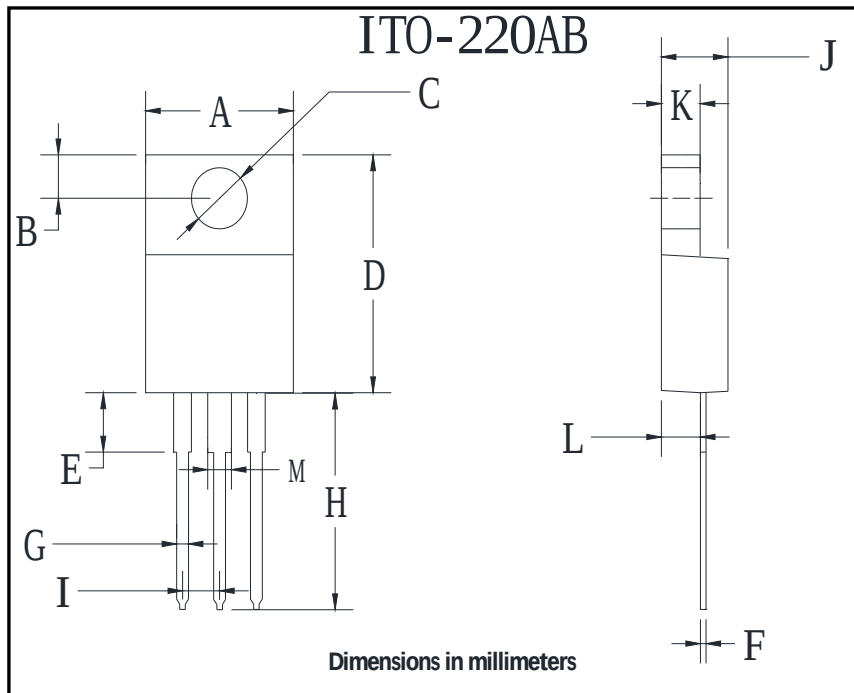
Reverse leakage current	I _{RRM2}	mA	V _{RM} =V _{RRM} $T_a=85$	20
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Pulse test: 300μs pulse width, 1% duty cycle

Pulse test: pulse width 40ms



■Outline Dimensions



ITO-220AB		
Dim	Min	Max
A	9.8	10.2
B	2.25	2.75
C	2.95	3.45
D	14.75	15.25
E	3.05	3.95
F	0.45	0.75
G	0.45	0.75
H	13.4	14.2
I	2.35	2.75
J	4.3	4.8
K	2.58	2.82
L	2.58	2.82
M	1.47	1.77

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