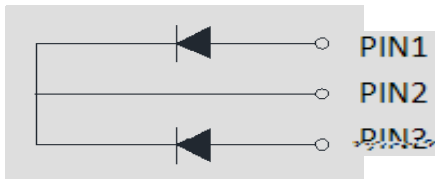
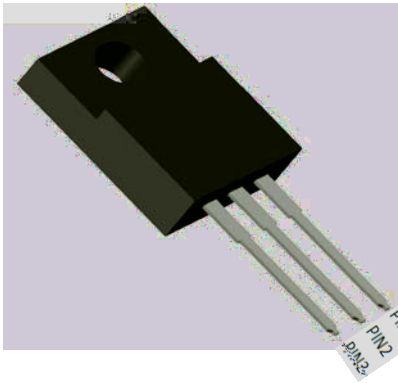


Schottky Diodes



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 4 sy

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

Electrical Characteristics $T_a=25$ Unless otherwise specified

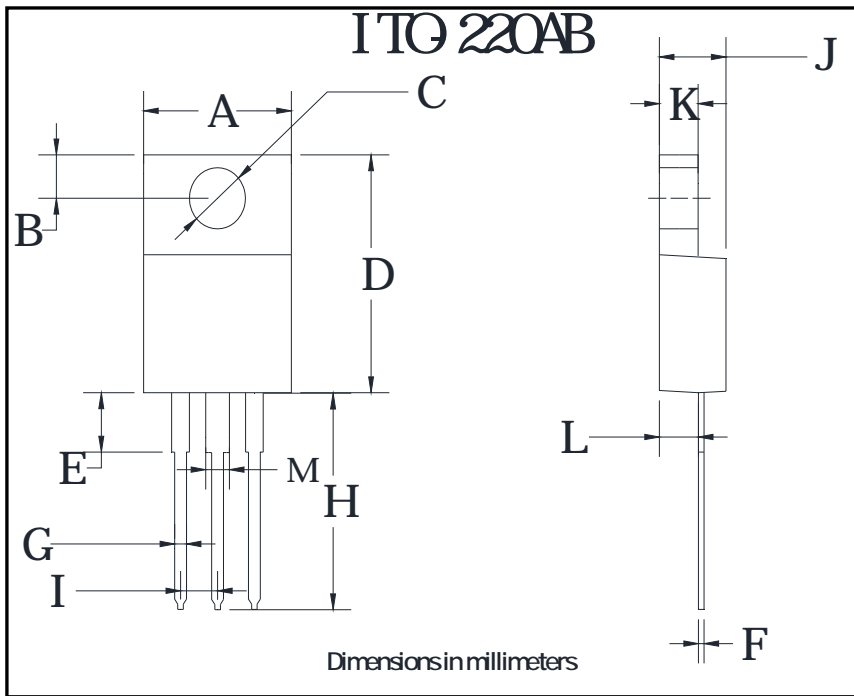
PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MBRL3060FCT
Instantaneous forward drop per diode	VFM	V	IFM=15.0A	0.6
Reverse recovery time	IRRM2	ns	VFM=VRRM $T_a=85$	20

:Pulse test:300uS 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

Disclaimer

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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

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