

### Maximum Ratings (T<sub>a</sub>=25 Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	MBR20F60FCTS
Device marking code			MBR20F60FCTS
Repetitive Peak Reverse Voltage	VRRM	V	60
Average Rectified Output Current @60Hz sine wave, R-load, T <sub>c</sub> =90	I <sub>O</sub>	A	20
Surge(Non-repetitive)Forward Current @60Hz half sine-wave,1 cycle, T <sub>a</sub> =25	I <sub>FSM</sub>	A	150
Current Squared Time @1ms t 8.3ms T <sub>j</sub> =25	I <sup>2</sup> t	A <sup>2</sup> s	94
Storage Temperature	T <sub>stg</sub>		-55 ~ +150
Junction Temperature	T <sub>j</sub>		-55 ~ +150 a

-55 ~ +150 a  
 forward voltage drop per diode  
 - Maximum instantaneous V<sub>FM</sub>  
 V I<sub>FM</sub>=1

Maximum DC reverse current at rated DC blocking voltage per diode	I <sub>RRM1</sub>	mA	V <sub>RM</sub> =VRRM T <sub>a</sub> =25	0.2
	I <sub>RRM2</sub>		V <sub>RM</sub> =VRRM T <sub>a</sub> =125	50

Note1:Pulse test:300uS pulse width,1% duty cycle

Note2:Pulse test:pulse width 40mS

0%5 ) )&76

v7KHUPDO &KDUDÄ7YHUL&WQIFVV RWKHUÄLVH VSHFLILHG

3\$5\$0(7(5		6<0%2/	81,7	0%5 ) )&76
7KHUPDO 5HVLVW	DQFH %HWZHHQ	MX&FWLRQ	DQ:G	FDVH

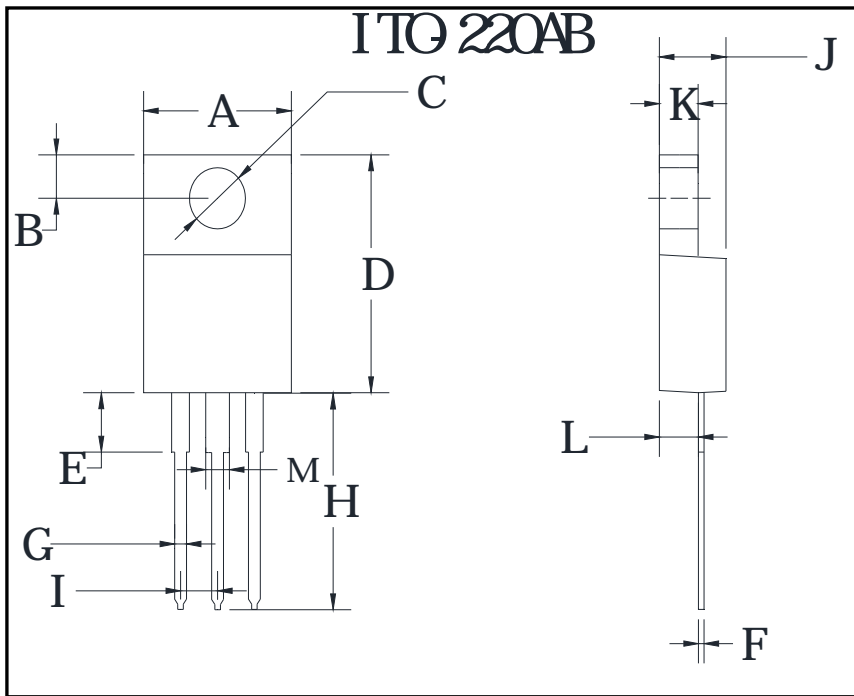
v2UGHULQJ ,QIR(DD&QRQ

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# MBR20F60FCTS

## 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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