

($T_a=25$ Unless otherwise specified)

Device marking code			MBR20F60FCTS
Repetitive Peak Reverse Voltage	VRRM	V	60
Average Rectified Output Current @60Hz sine wave, R-load, $T_c=90$	IO	A	20
Surge(Non-repetitive)Forward Current @60Hz half sine-wave,1 cycle, $T_a=25$	IFSM	A	150
Current Squared Time @1ms t 8.3ms $T_j=25$	I^2t	A ² s	94
Storage Temperature	T_{stg}		-55 ~ +150
Junction Temperature	T_j		-55 ~ +150

Maximum instantaneous forward voltage drop per diode	VFM	V	IFM=10.0A	0.75
Maximum DC reverse current at rated DC blocking voltage per diode	I _{RRM1}	mA	V _{RM} =V _{VRRM} $T_a=25$	0.2
	I _{RRM2}		V _{RM} =V _{VRRM} $T_a=125$	50

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

Note2:Pulse test:pulse width 40mS

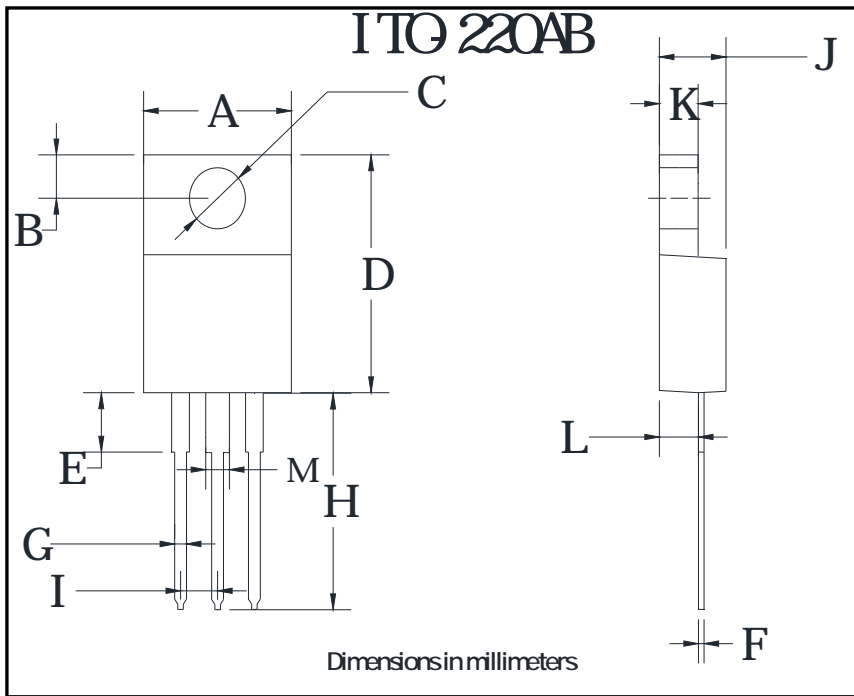
0%5))&76

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

35()(5(' 3 1	81,7 :(*+7	0,1,,080 3\$&.\$*(SFV	,11(5 %2; 48\$17,7< SF	287(5 &\$572 48\$17,7< SF	'(/,9(5< 02'('
--------------	------------	---------------------------	---------------------------	------------------------------	----------------



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

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

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.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.