

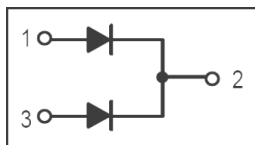
Rev.F Mar.-2016

TO-220F

Schottky Diode in a TO-220F Plastic Package.

Low power loss,high efficiency.

For use in low voltage,high frequency inverters, free wheeling, and polarity protection applications.

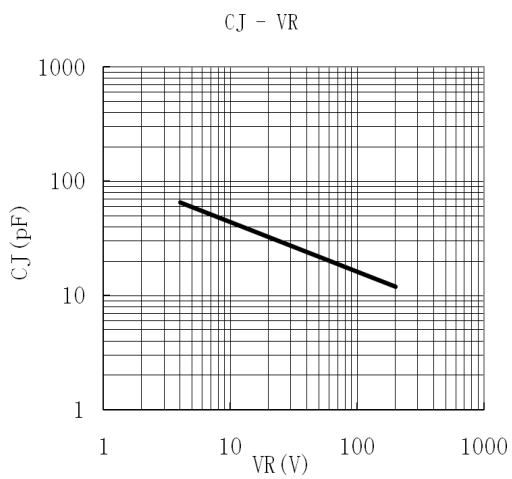
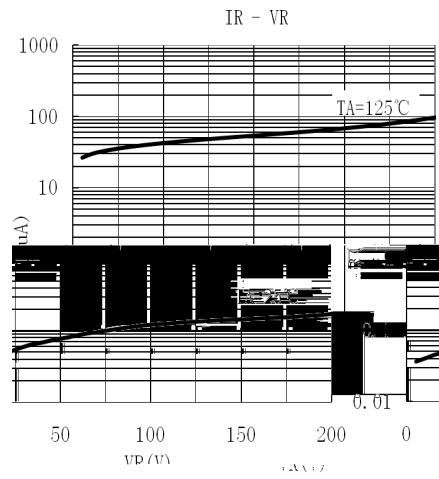
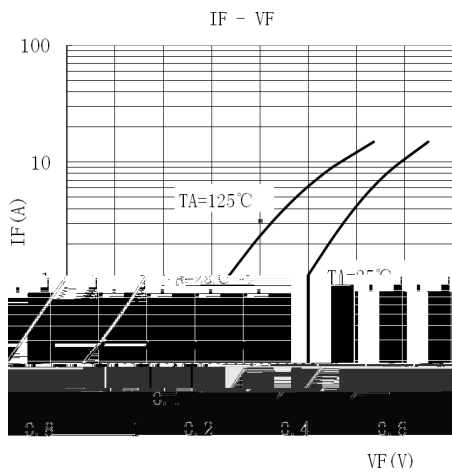
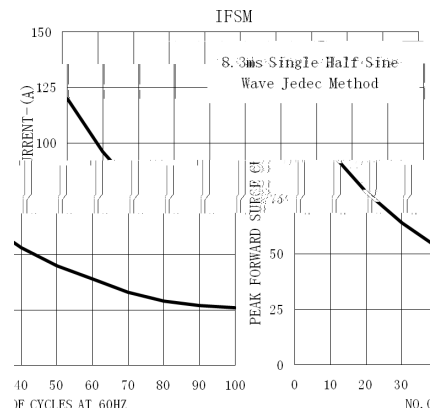
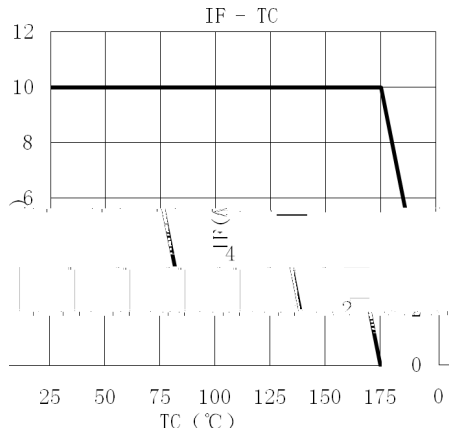


PIN1 Anode    PIN 2 Cathode    PIN 3 Anode

See Marking Instructions

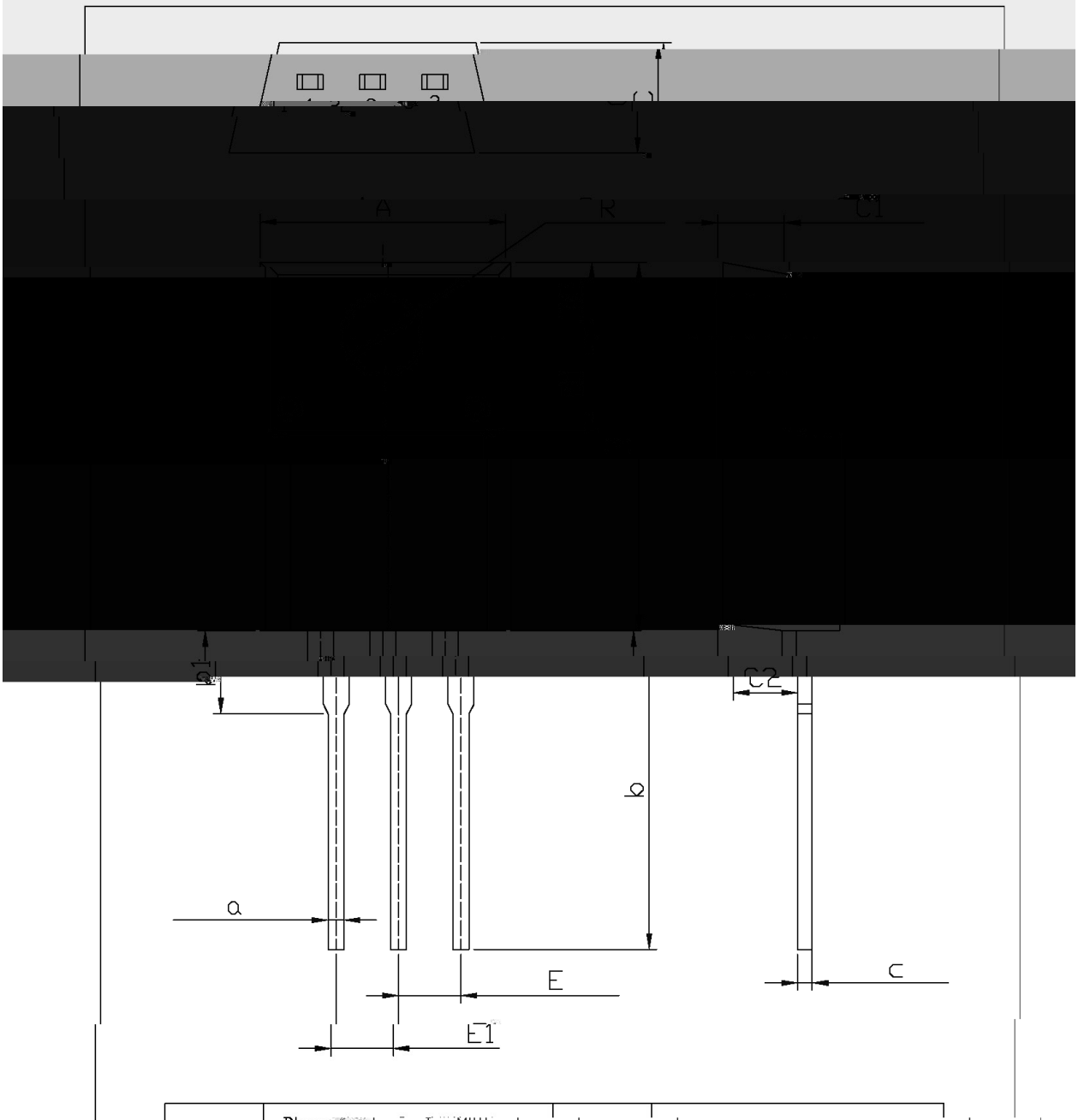
Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	$V_{RRM}$	200	V
Average Forward Current	$I_{F(AV)}$	10	A
Reverse Forward Current	$I_{FRM}$	10	A
Non Repetitive Peak Surge Current	$I_{FSM}$	150	A
Peak Repetitive Reverse Current	$I_{RRM}$	0.5	A
Thermal Resistance Junction to Case	$R_{JC}$	3.5	°C/W
Junction and Storage Temperature Range	$T_j, T_{stg}$	-55 150	°C

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Voltage	$V_R$		200			V
Forward Voltage	$V_F$	$I_F=5A$			0.99	V
		$I_F=5A(T_c=125^\circ C)$			0.87	V
Instantaneous Reverse Current	$I_R$	$V_R=200V$			0.15	mA
		$V_R=200V(T_c=125^\circ C)$			150	mA
Critical rate of rise of reverse voltage	dv/dt				10000	V/ $\mu$ s

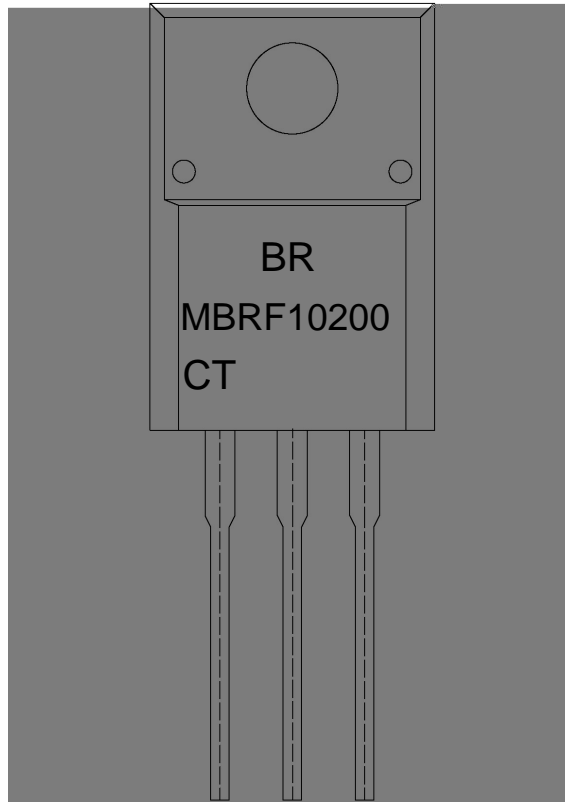


TO-220F

单位: mm



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
C	4.3	4.7	b1	2.9	3.9
A	9.7	10.3	a	0.55	0.75
B	14.7	15.3	E	2.29	2.79
B1	3.8	4.0	E1	2.29	2.79
B2	2.9	3.1	C1	2.5	2.9



BR

MBRF10200

CT:

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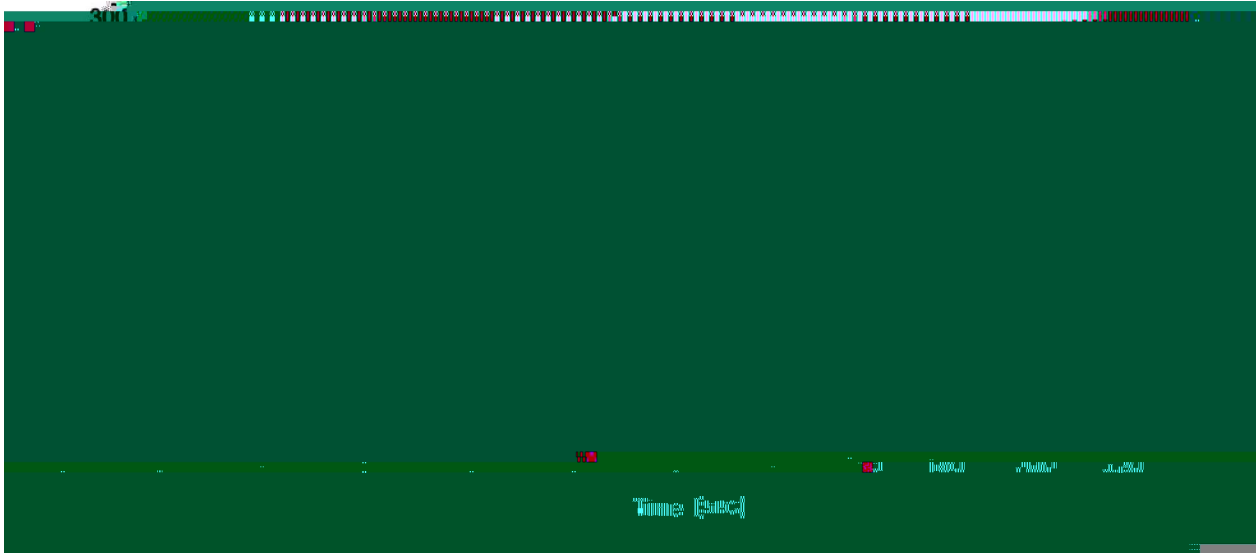
Note:

BR: Company Code

MBRF10200: Product Type.

CT: Internal Structure

\*\*\*\*: Lot No. Code, code change with Lot No.



1	25	150	60	90sec;	Note:	1.Preheating:25~150 , Time:60~90sec.
2	255±5		5±0.5sec;		2.Peak Temp.:255±5 , Duration:5±0.5sec.	
3	D	A	o	•		•
3						