

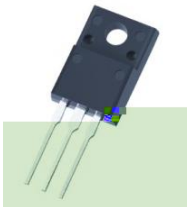
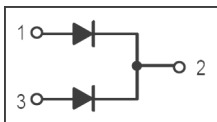
Rev.F Mar.-2016

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.

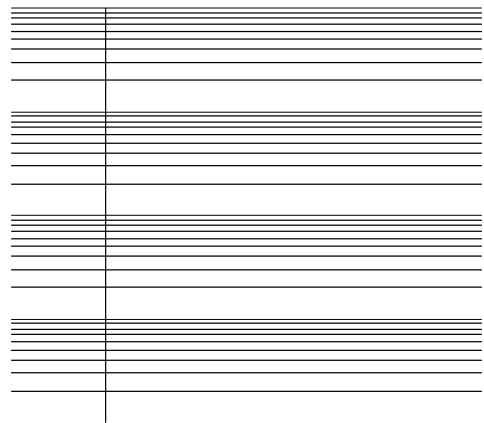
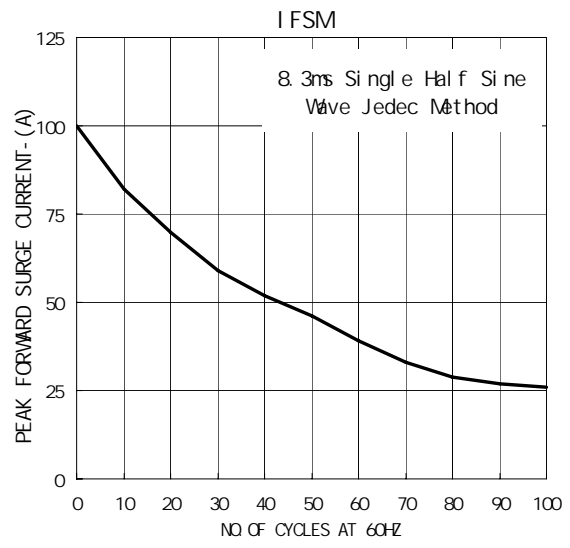
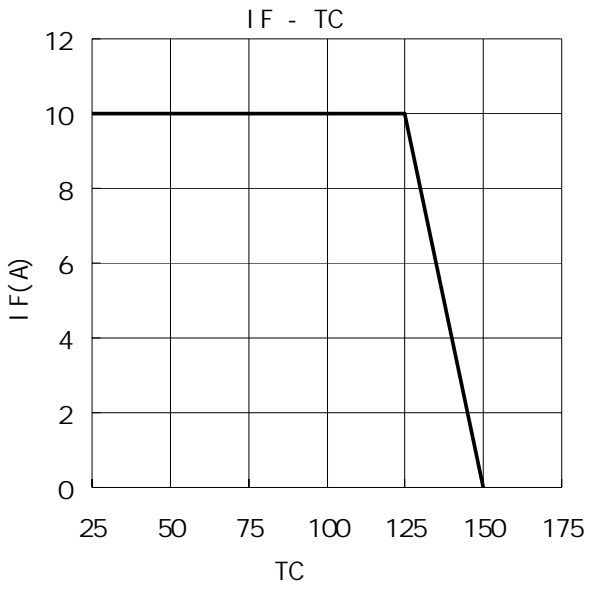


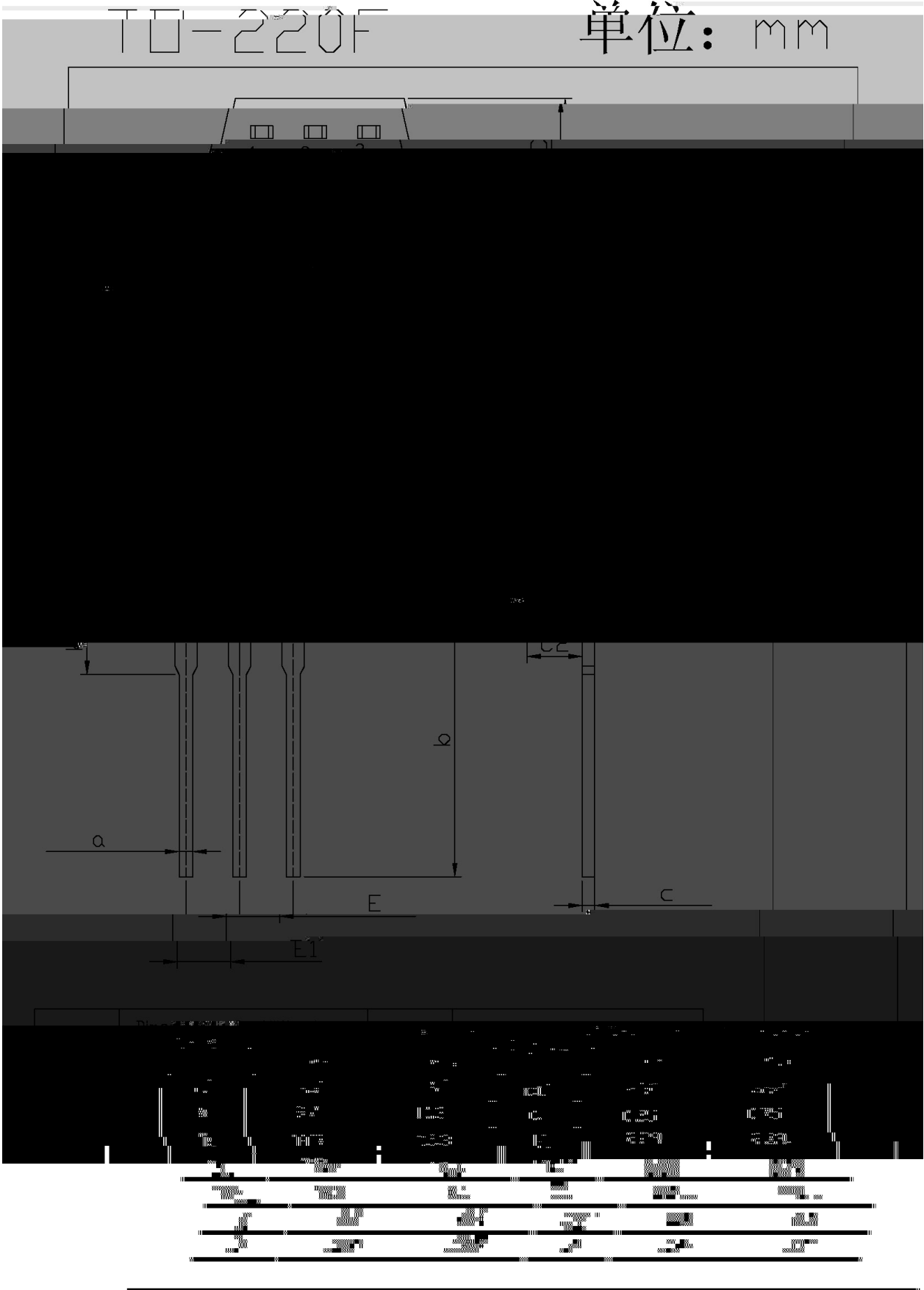
PIN1 Anode PIN 2 Cathode PIN 3 Anode

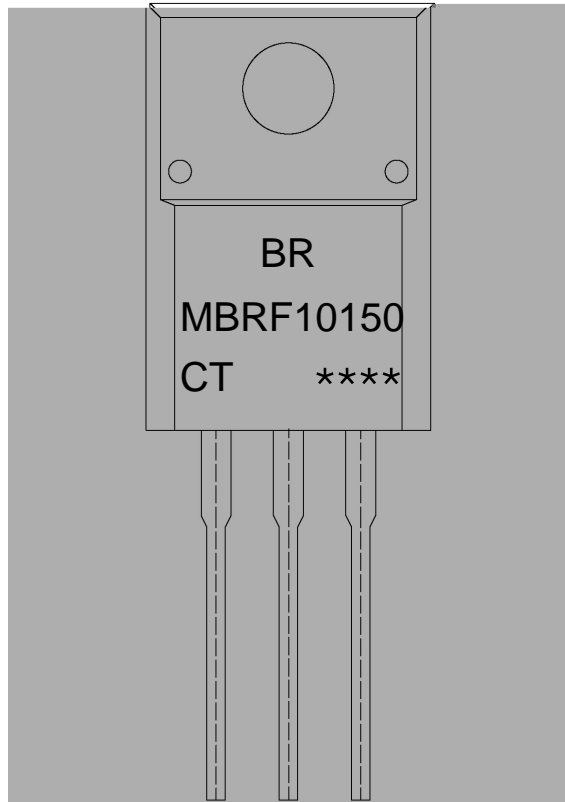
See Marking Instructions

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	150	V
Average Forward Current	$I_{F(AV)}$	10	A
Peak 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	/W
Junction and Storage Temperature Range	T_j, T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse Voltage	V_R		150			V
Forward Voltage	V_F	$I_F=5A$			0.88	V
		$I_F=5A(T_c=125^\circ C)$			0.78	V
Instantaneous Reverse Current	I_R	$V_R=150V$			0.15	mA
		$V_R=150V(T_c=125^\circ C)$			150	mA
Critical rate of rise of reverse voltage	dv/dt				10000	V/ μ s







BR

MBRF10150

CT:

Note:

BR: Company Code

MBRF10150: Product Type.

CT: Internal Structure

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

