

5 é / Descriptions

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Triac in a TO-220F Plastic Package.

□ a / Features

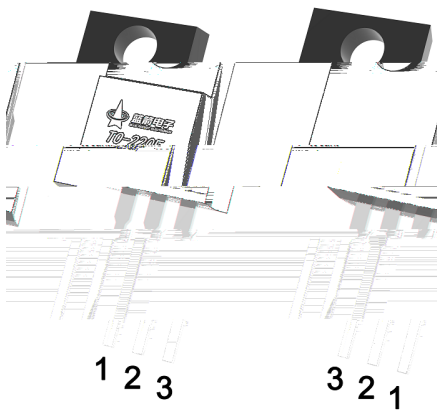
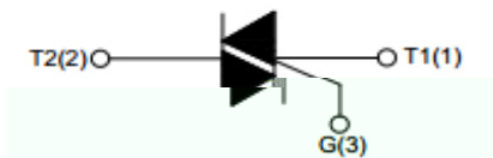
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Medium current triac, Low on state voltage drop, High reliability and stability, Low thermal resistance.

Đ ÷ / Applications

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Suitable for general purpose AC switching .Such as static relays, heating regulation, induction motor starting circuits, motor speed controllers, etc.



PIN1 y Main Terminal 1 PIN 2 y Main Terminal 2 PIN 3 ÖGate

, M V / Marking

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See Marking Instructions.

Electrical Characteristic Curve

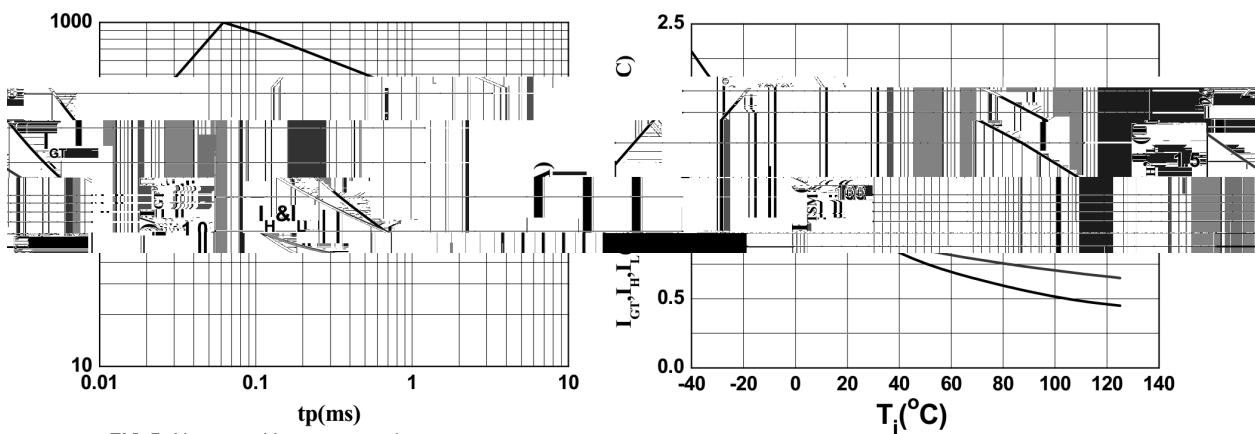
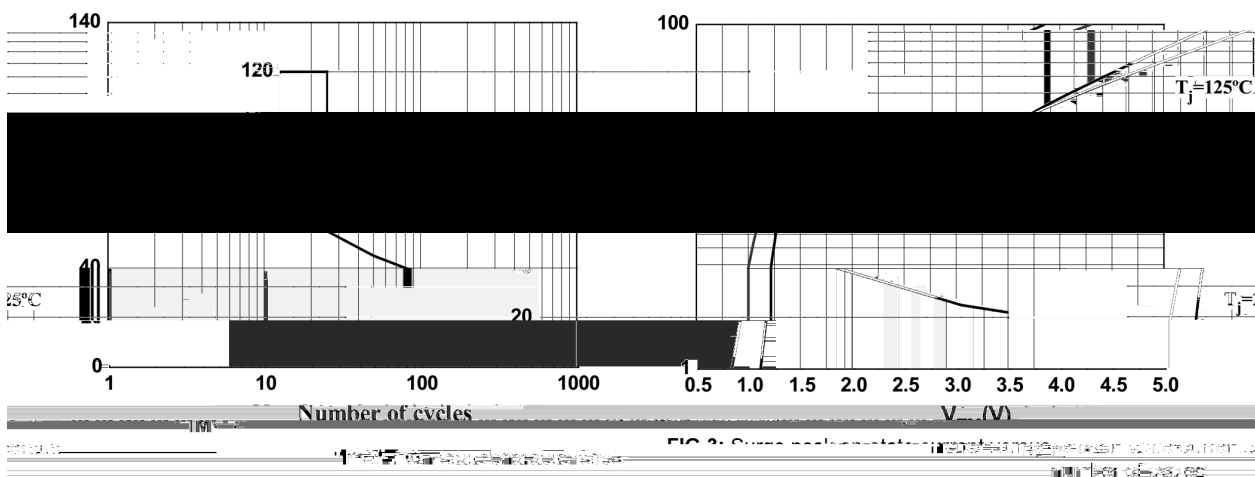
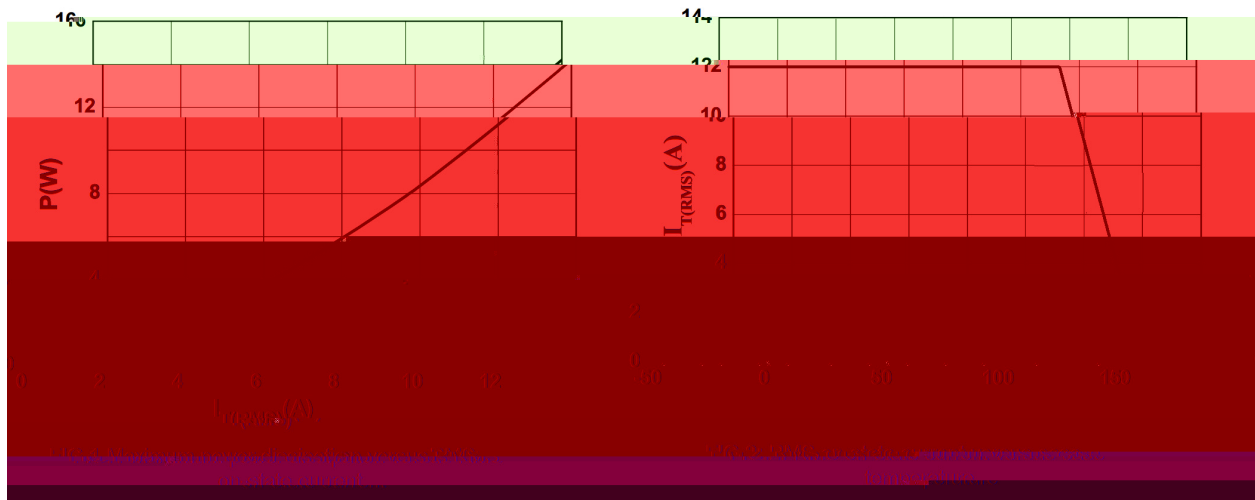
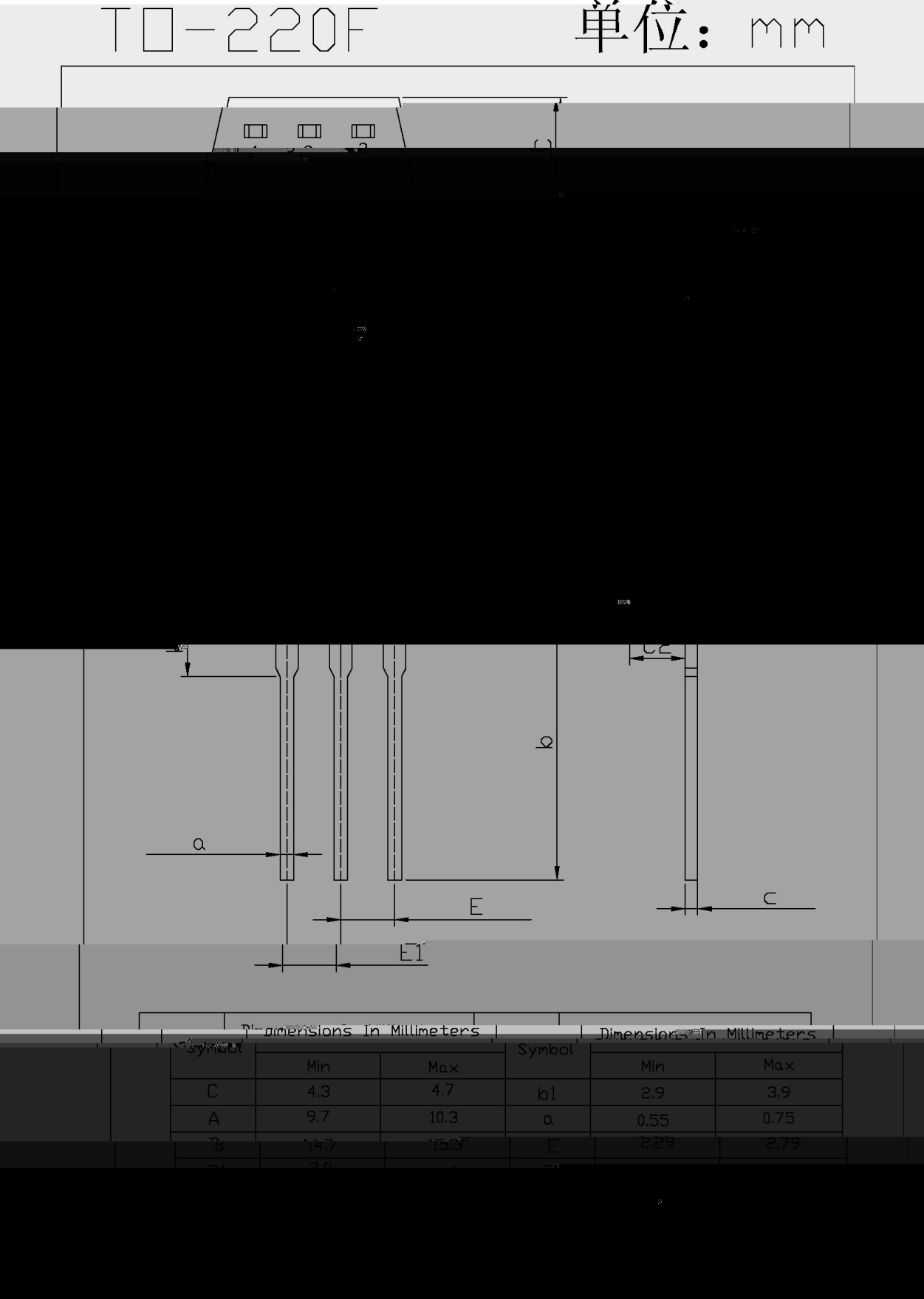
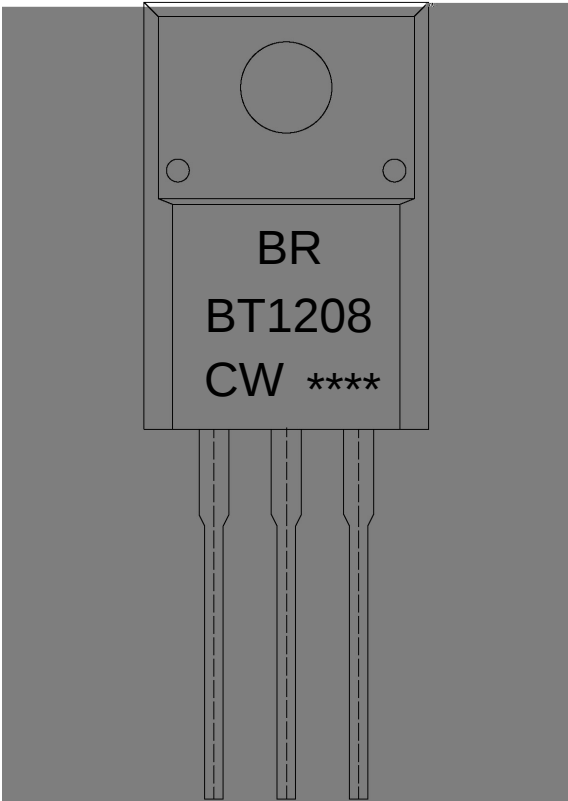


FIG 3: Non-repetitive surge peak-on-state current I_{TSP} vs. pulse width t_p and junction temperature T_j . The test condition is: $V_{GS} = 10V$, $V_{DS} = 4.5V$, $f = 1kHz$, $t_p = 1ms$, and $T_j = 125^\circ C$.

Ø □ =) ♂ / Package Dimensions

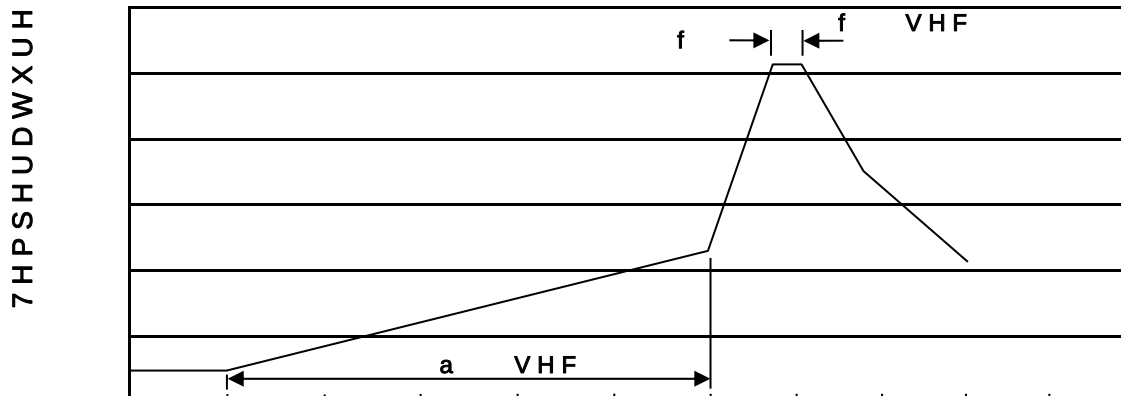


, M y f / Marking Instructions



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Note:
BR: Company Code
BT1208: Product Type Code
CW: I_{GT} Bracket code
****: Lot No. Code, code change with Lot No

Temperature Profile for Dip Soldering(Pb-Free)

Temperature Profile

1. Preheating:

25~150°C, Time: 60~90sec;

2. Peak Temp.: 255°C, Duration: 5~10sec;

3. Cooling Speed: 2~10°C/sec.

Note:

1. Preheating: 25~150°C, Time: 60~90sec.

2. Peak Temp.: 255°C, Duration: 5~10sec.

3. Cooling Speed: 2~10°C/sec.

Resistance to Soldering Heat Test Conditions

270°C

10~15 sec.

Temp.: 270±5°C

Time: 10±1 sec

Packaging SPEC.

BULK

Package Type	Units					Dimension (unit: mm)		
	Units/Bag	Bags/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

TUBE

Package Type	Units					Dimension (unit: mm)		
	Units/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

Notices