

5 é / Descriptions

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Triac in a TO-220F Plastic Package.

□ a / Features

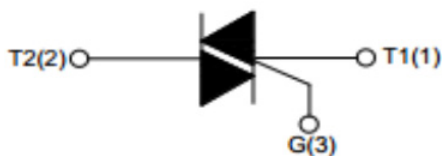
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Medium current triac, Low on state voltage drop, High reliability and stability, Low thermal resistance.

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 Ö Gate

, M V / Marking

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See Marking Instructions.

Electrical Characteristic Curve

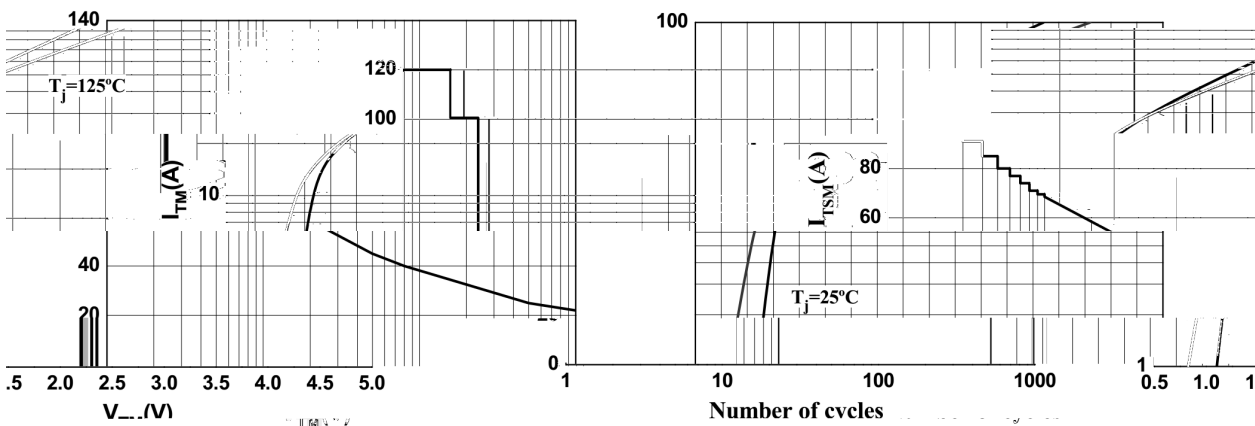
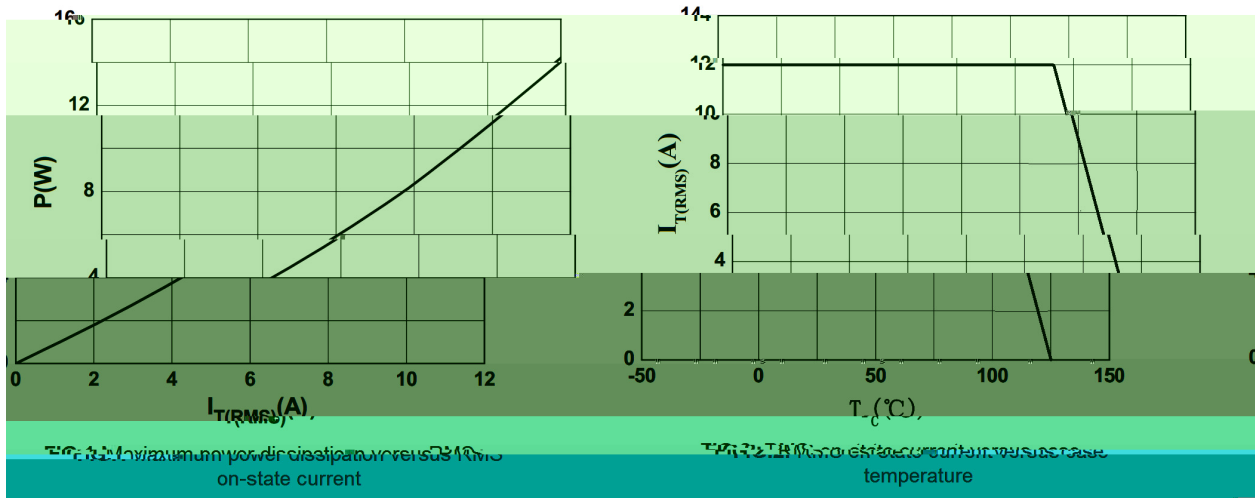


FIG.4: On-state characteristics

FIG.3: Surge peak on-state current versus number of cycles

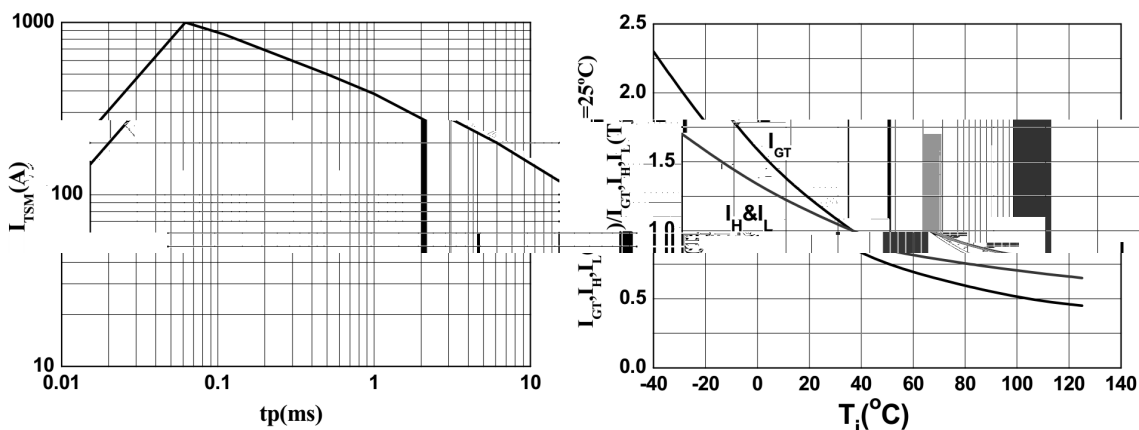
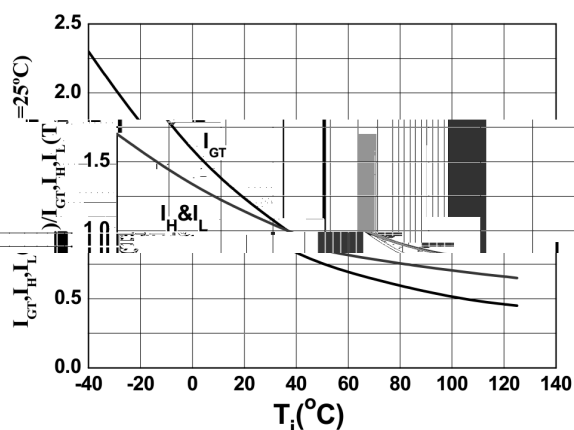
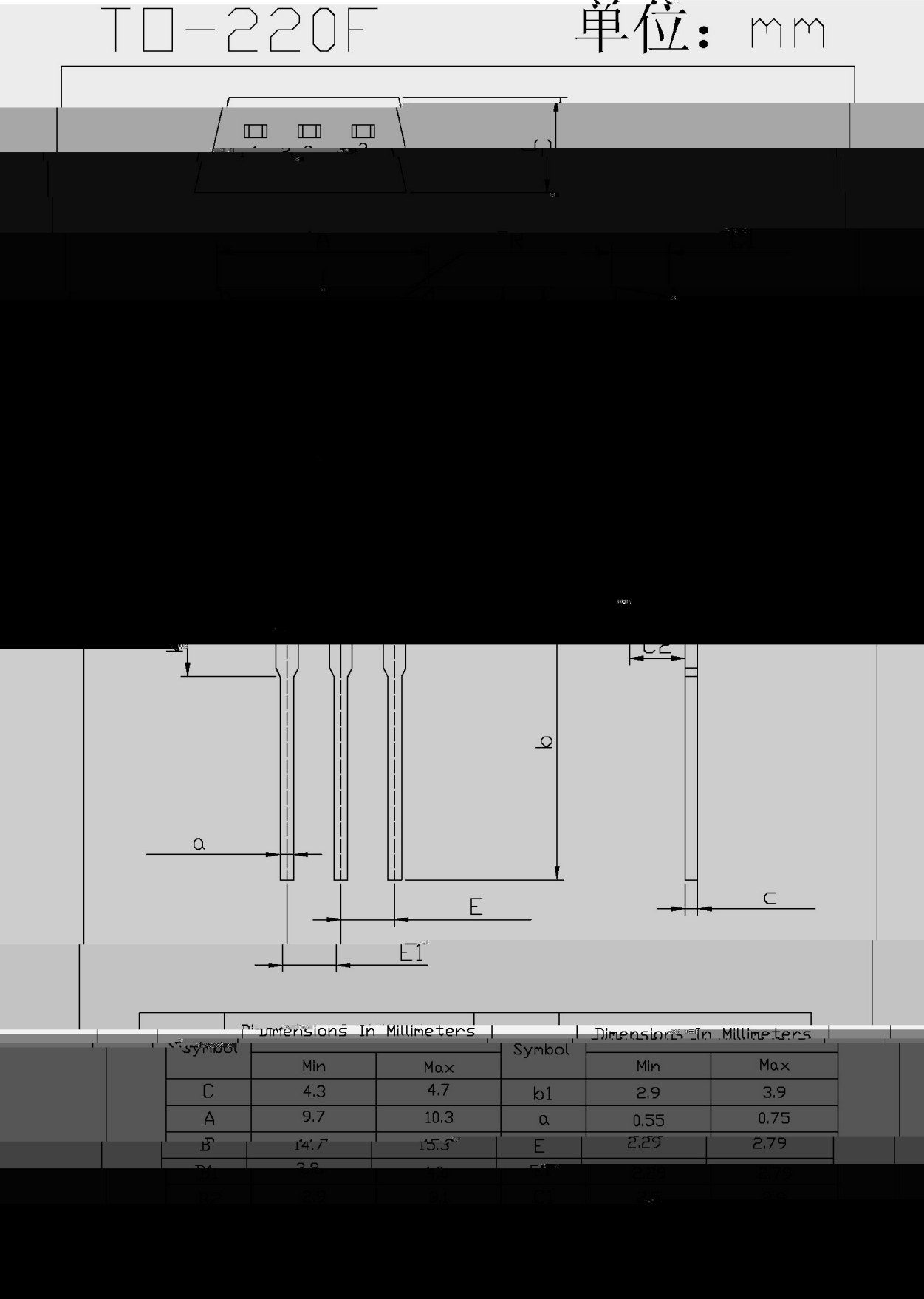
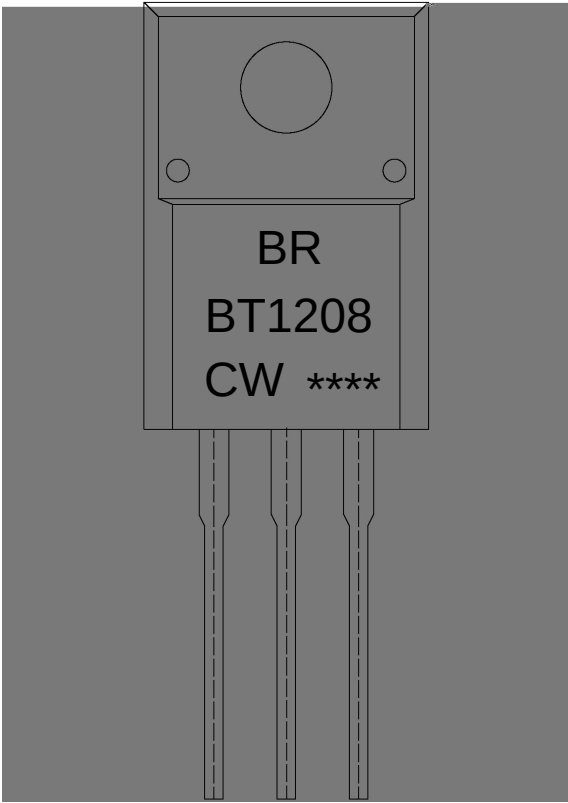
FIG.5: Non-repetitive surge peak on-state current versus pulse width for a sinusoidal pulse with width $t_p < 20$ ms, and corresponding value of I_2 ($di/dt < 100$ A/ μ s)

FIG.6: Relative variations of gate trigger current, holding current and latching current versus junction temperature

Ø □ =) ☎ / Package Dimensions



, M y f / Marking Instructions

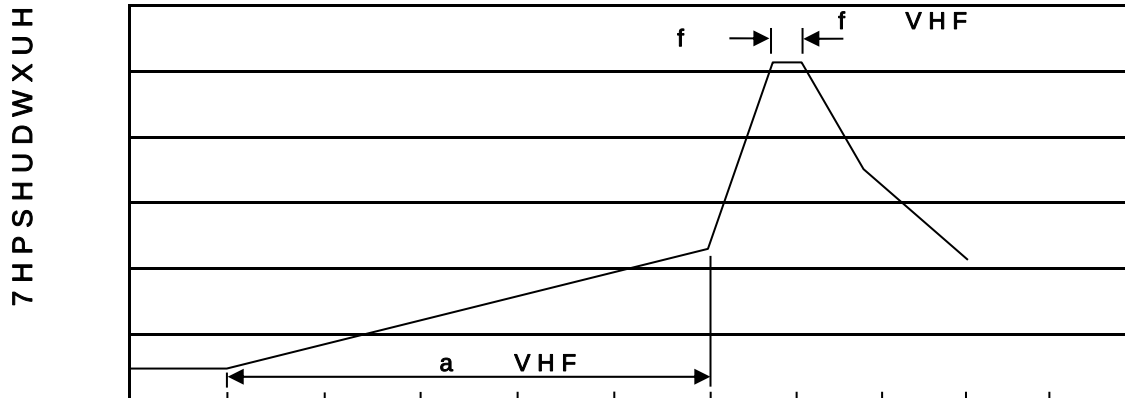


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Note:
BR: Company Code
BT1208: Product Type Code
CW: I_{GT} Bracket code
****: Lot No. Code, code change with Lot No



GPD t... • Žč (x /) / Temperature Profile for Dip Soldering(Pb-Free)



7 LPH VHF

a č y

10• Ä ½ "† 25 ½150 - k ž • 60 ½90sec;

20• Q > "† 255 r5 - k ž • 4 Ò 5 r0.5sec;

30•D N ò i Ò 0, † 2 ½10 - /sec.

Note:

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

2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÄD /Cã p - »] / Resistance to Soldering Heat Test Conditions

"† y 270 r5 -

ž • y 10 r1 sec.

Temp.:270±5

Time:10±1 sec

G P á / Packaging SPEC.

• ^ x / BULK

Package Type 7>û ~ E	Units ;>û !H					Dimension ;>û p . (unit Ämm³)		
	Units/Bag />Ä	Bags/Inner Box >Ä-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Bag>Ä	Inner Box	Outer Boxç
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

ì ' x / TUBE

Package Type 7>û ~ E	Units ;>û !H					Dimension ;>û p . (unit Ämm³)		
	Units/Tube /•1×	Tubes/Inner Box •1×/-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Tube•1×	Inner Box	Outer Boxç
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

„Đ y f / Notices