

BRBT1208SWFA

Rev.A Nov.-2023

/ Descriptions

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Triac in a TO-220F Plastic Package.

/ Features

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

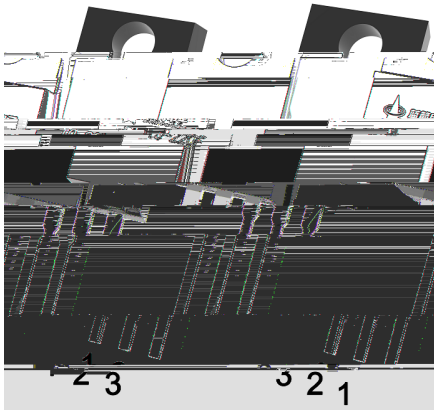
/ Applications

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

/ Equivalent Circuit



/ Pinning

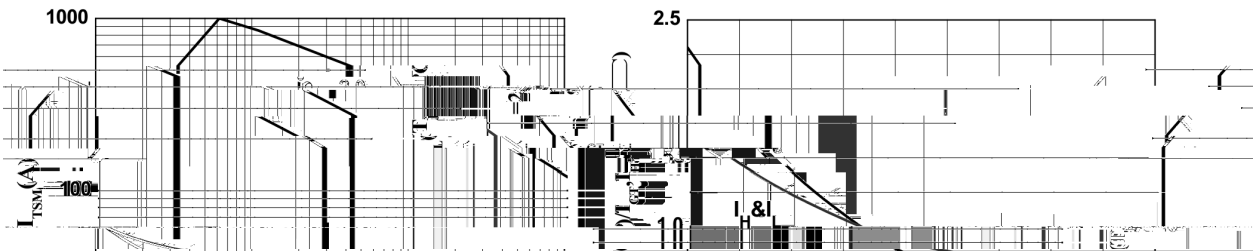
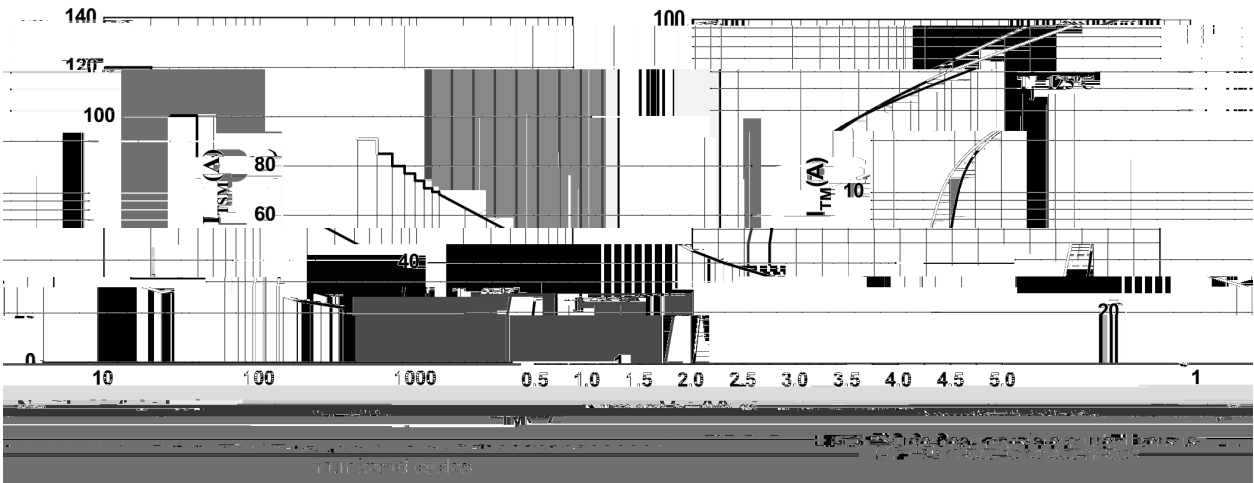
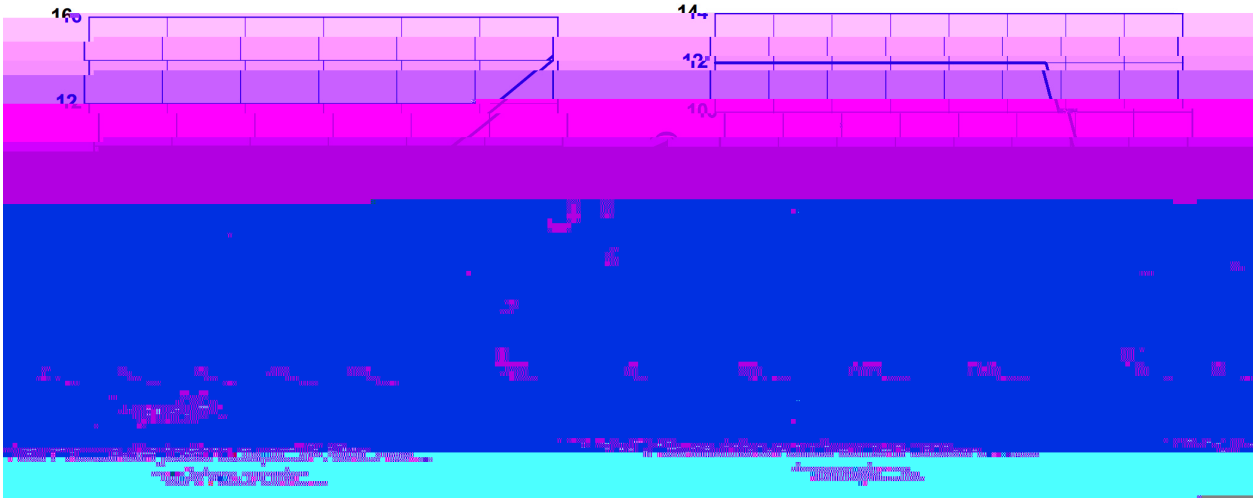


PIN1 Main Terminal 1 PIN 2 Main Terminal 2 PIN 3 Gate

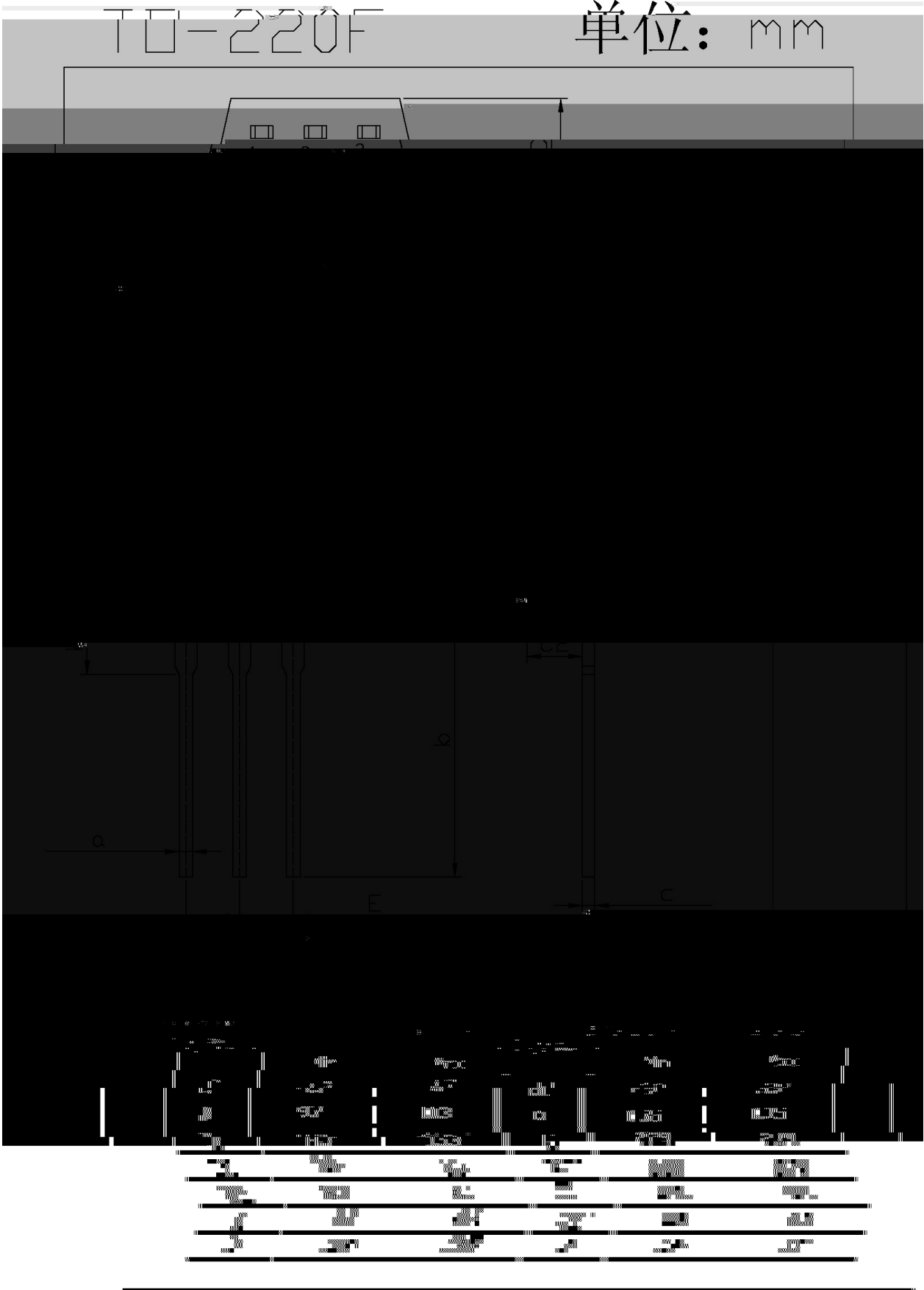
/ Marking

See Marking Instructions.

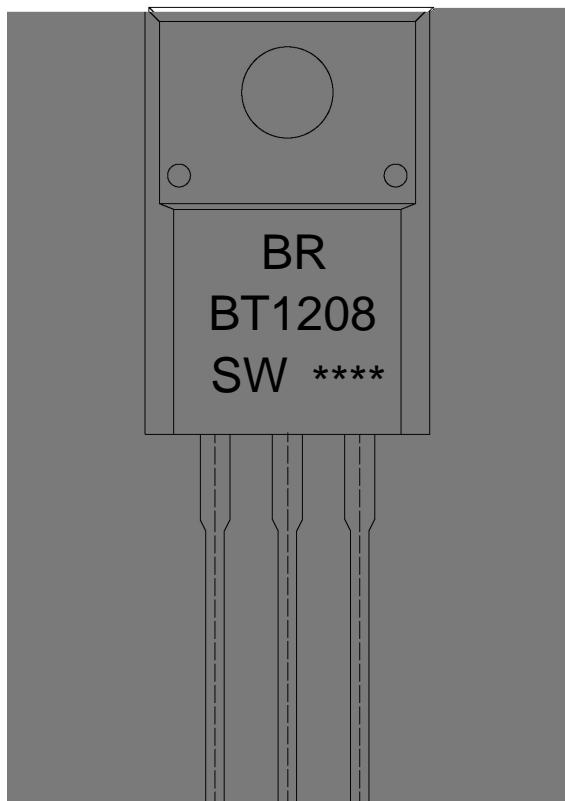
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



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Note:

BR: Company Code

BT1208: Product Type Code

SW: I_{GT} Bracket code

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

() / Temperature Profile for Dip Soldering(Pb-Free)

Note:

- | | | | |
|---|--------|-----------|---|
| 1 | 25 150 | 60 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | 5±0.5sec; | 2.Peak Temp.:255±5 , Duration:5±0.5sec. |
| 3 | 2 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec
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/ Packaging SPEC.

/ BULK

Package Type	Units ;>û iH	Dimension ;>û p . (unit Åmm³)
7>û ~ E		