

# 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.

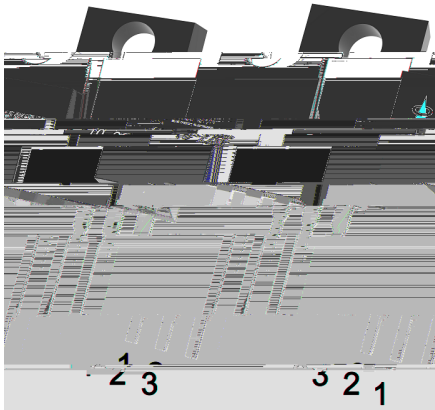
## / Applications

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

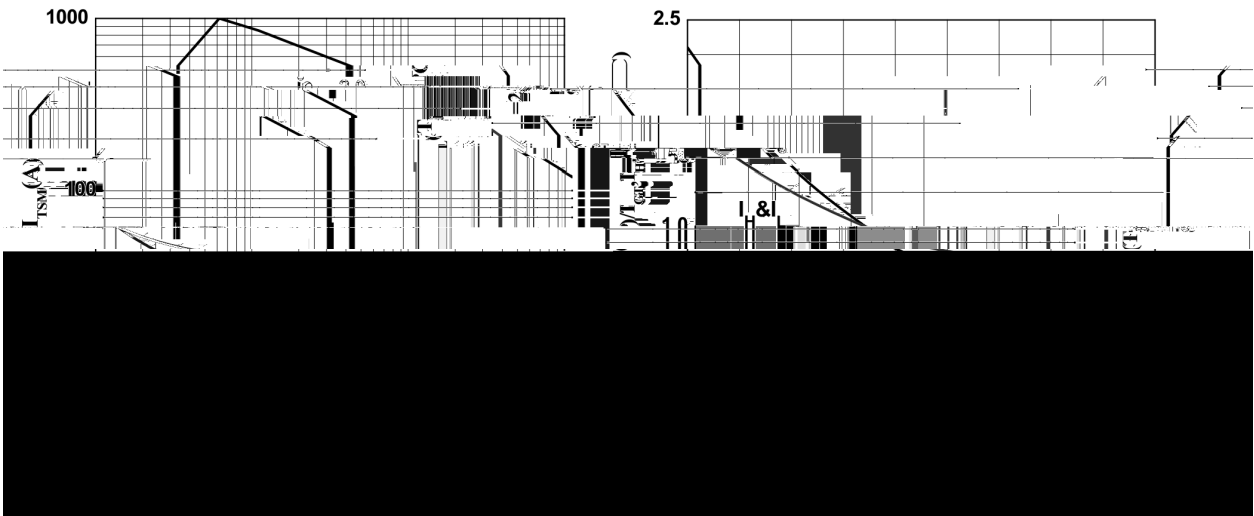
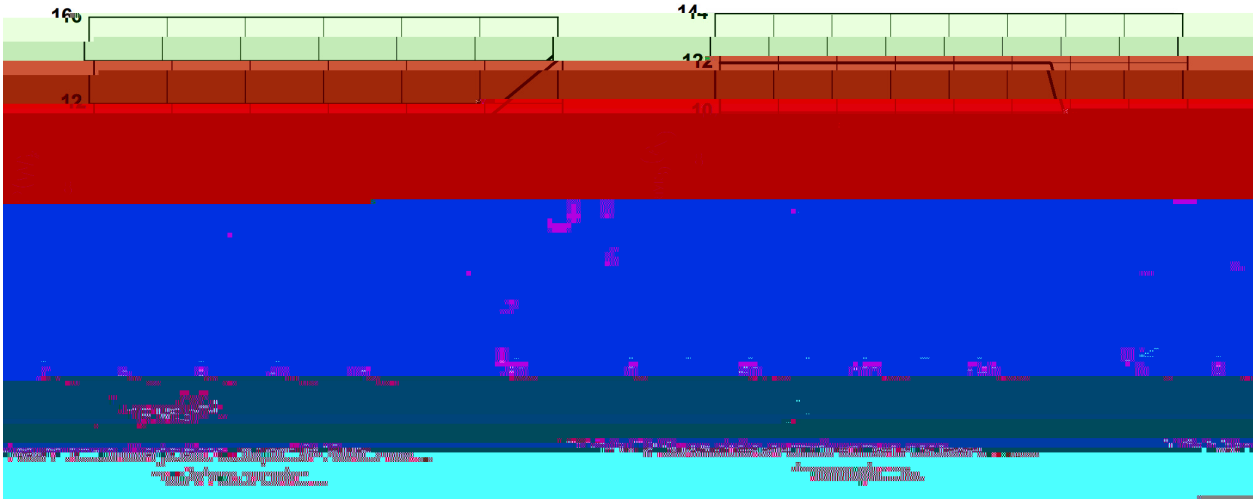
See Marking Instructions.

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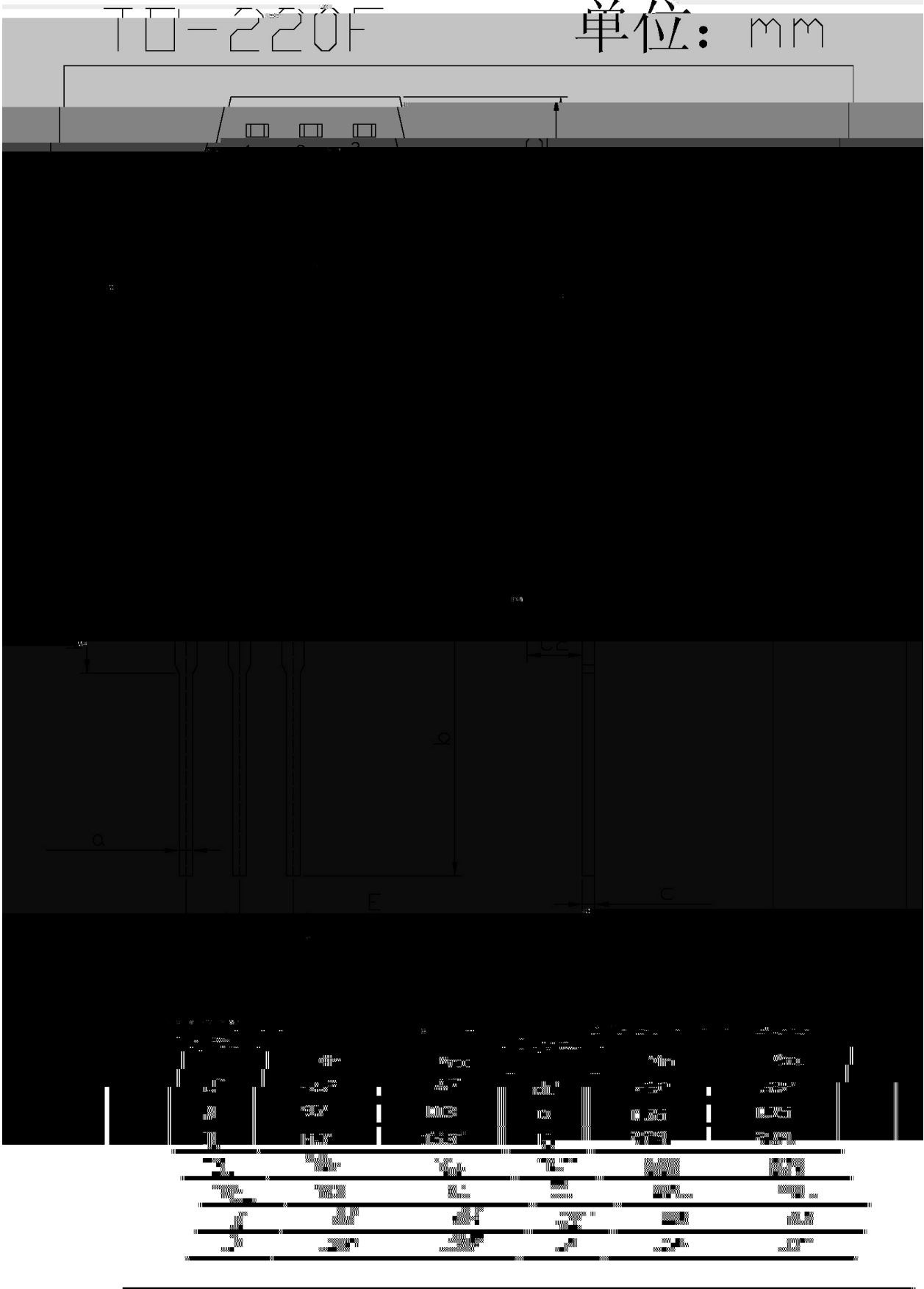
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DATA SHEET

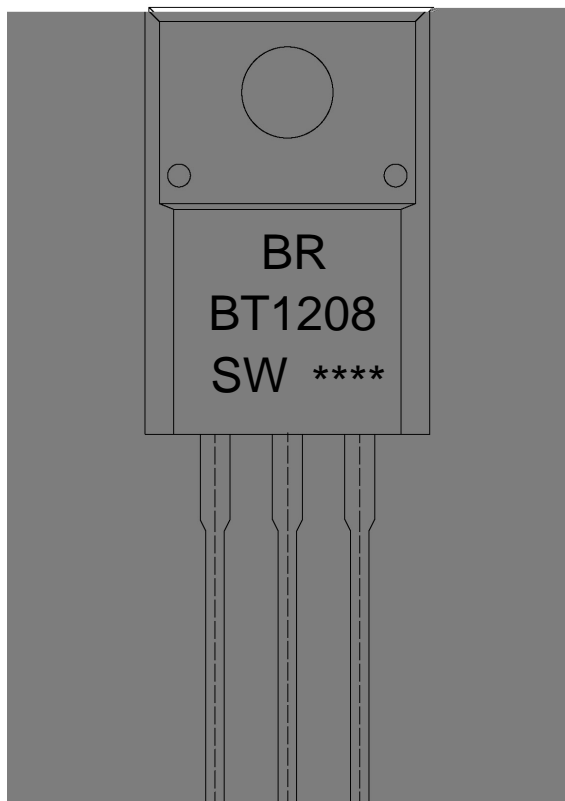
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



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Note:

BR: Company Code

BT1208: Product Type Code

SW: I<sub>GT</sub> 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		