

BRBT0808EHRA

Rev.A Apr.-2024

/ Descriptions

TO-220)

Triac in a TO-220 Plastic Package.

/ Features

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

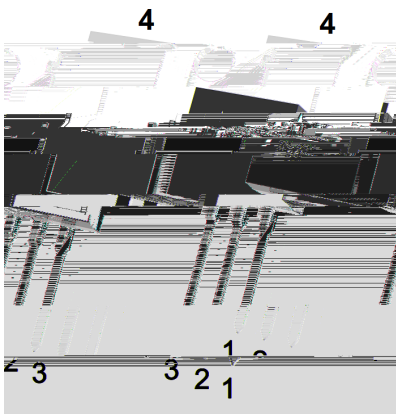
/ Applications

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 4 Main Terminal 2 PIN 3 Gate

/ Marking

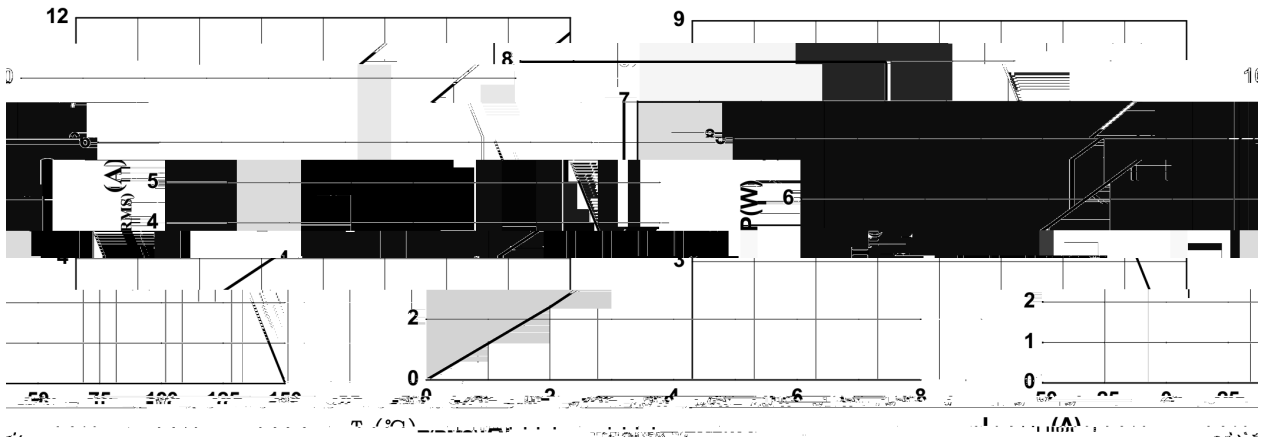
See Marking Instructions.

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DATA SHEET

/ Electrical Characteristic Curve



current versus case temperature

FIG 1 Maximum power dissipation versus RMS on-state current

FIG.2: RMS on-state current versus case temperature

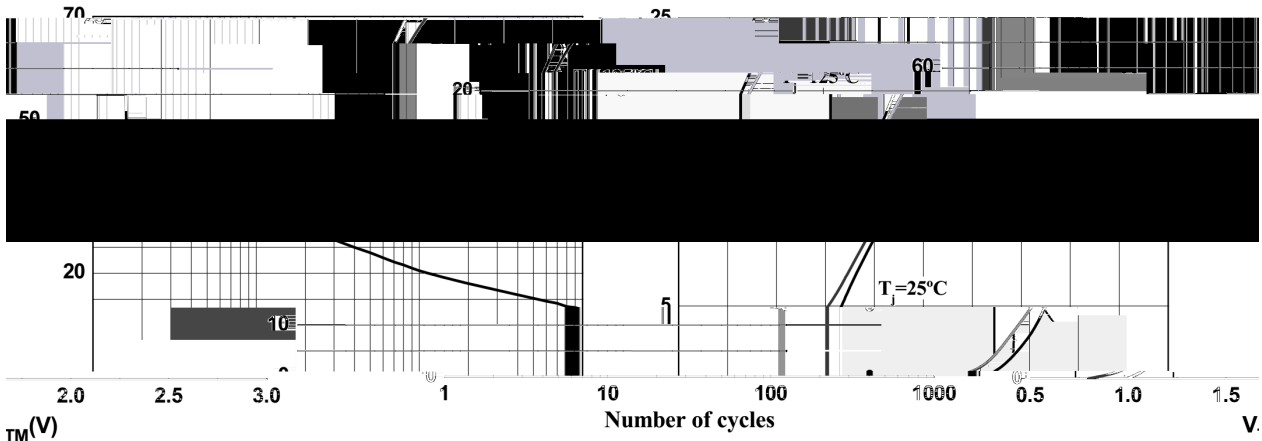
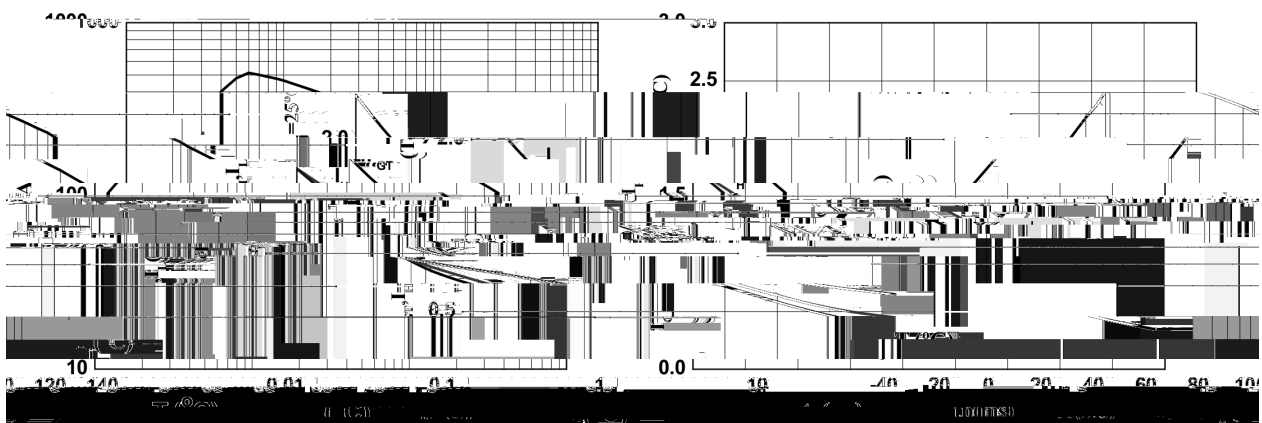


FIG 3: Surge peak on-state current versus number of cycles



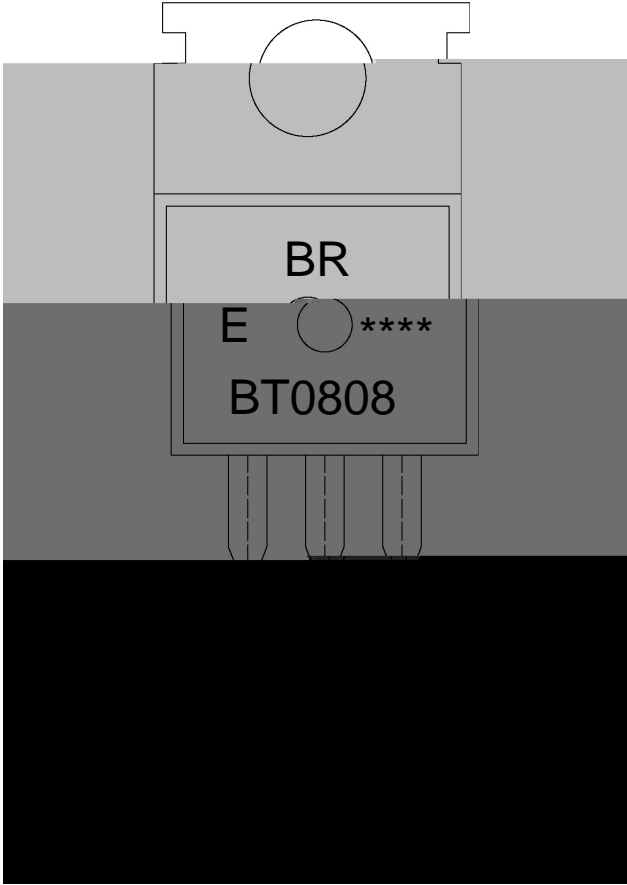
surge peak on-state current

FIG 4: Relative variations of surge peak on-state current

FIG.5: Non-repetitive surge peak on-state current

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/ Marking Instructions



9R

E IGT

9T' 8' 8

Note:

BR: Company Code

E: IGT Bracket code

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

BT0808: Product Type Code

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

- 1 25 150 60 90sec;
- 2 255±5 5±0.5sec;
- 3 2 10

Note:
1.Preheating:25~150 , Time:60~90sec.
2.Peak Temp.:255±5 , Duration:5± 0.5sec.