BRBT0808EHRA

Rev.A Apr.-2024

DATA SHEET

/ Descriptions

TO0553 Ł

Triac in a TO-220 Plastic Package.

/ Features

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

/ Applications

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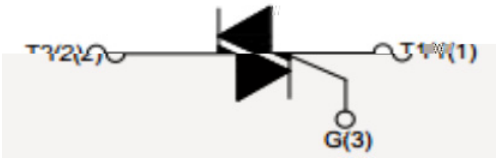
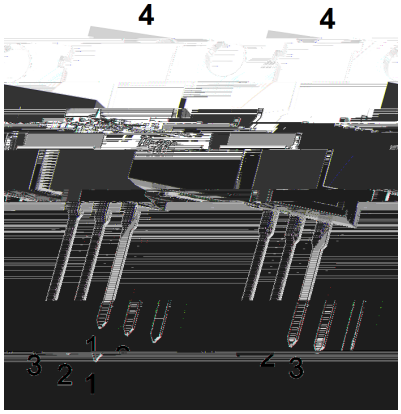
Suitable for general purpose AC switching .Such as static relays,heating regulation,induction motor starting circuits,motor speed controllers,etc.

/ Equivalent Circuit



/ Pinning

4 4



PIN1 Main Terminal 1 PIN 2 4 Main Terminal 2 PIN 3 Gate

/ Marking

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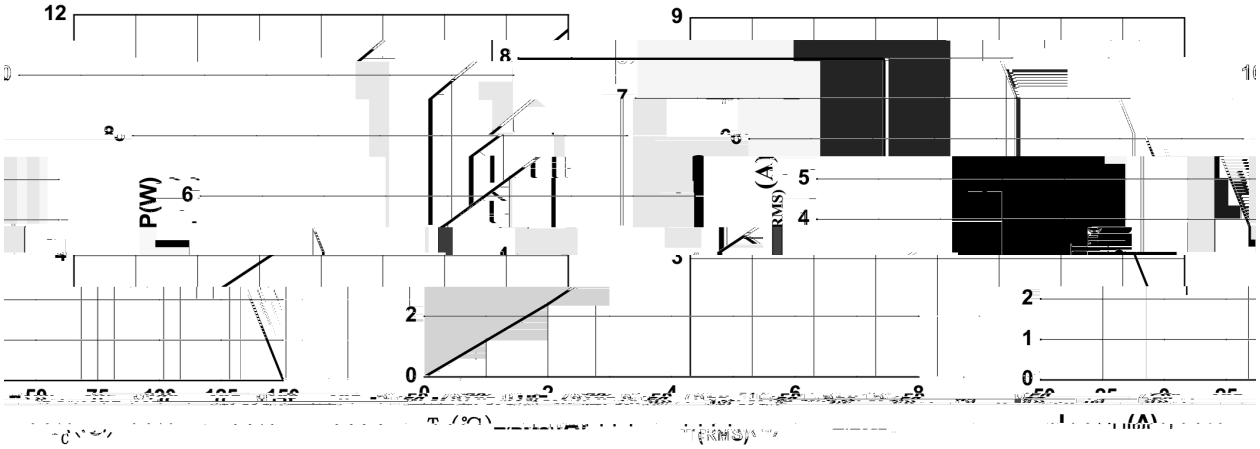
See Marking Instructions.

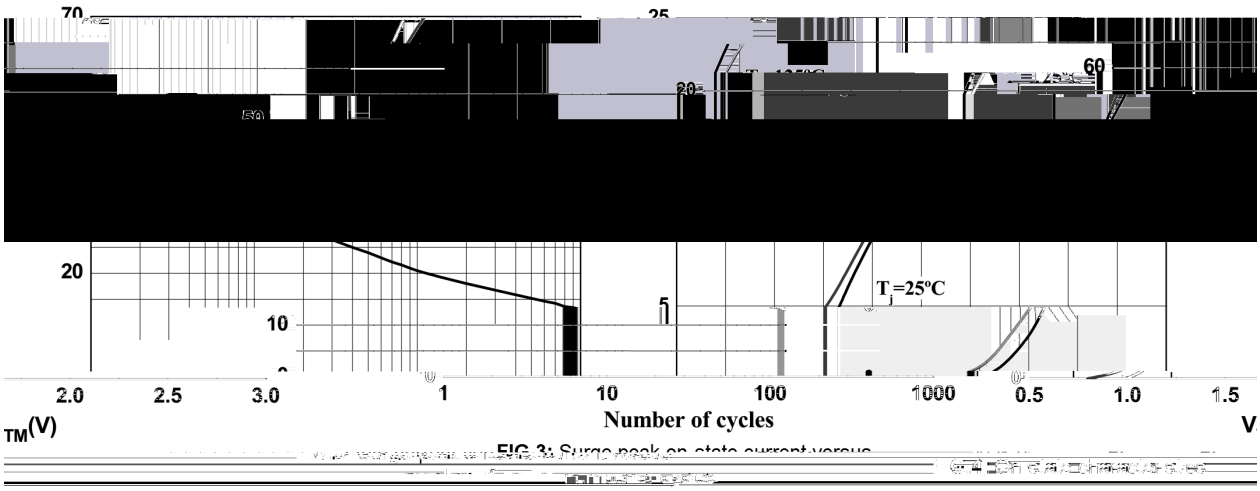
/ Electrical Characteristic Curve



on-state current versus case temperature

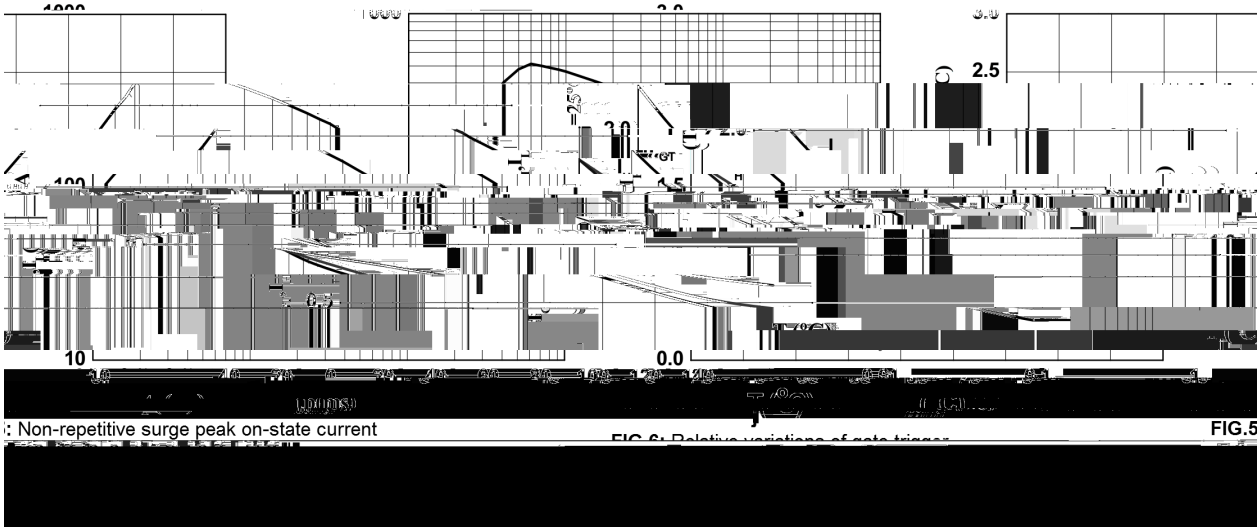
FIG 1 Maximum power dissipation versus RMS

FIG.2: RMS on-state current



TM(V)

FIG 3: Surge peak on-state current versus

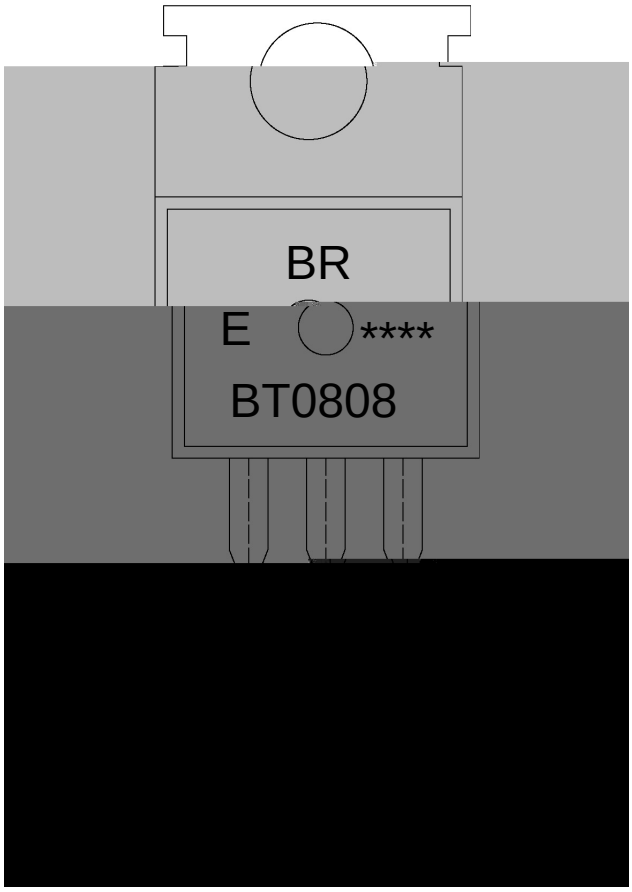


: Non-repetitive surge peak on-state current

FIG 6: Relative variations of gate trigger

FIG.5

/ Marking Instructions



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Note:

BR:	Company Code
E:	I_{GT} Bracket code
****:	Lot No. Code, code change with Lot No
BT0808:	Product Type Code

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

ب

1 أ 25 150 ژ 60 90sec;

2 255±5 ژ ٨ 5±0.5sec;

3 ھ 2 10

Note:

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

2.Peak Temp.:255±5 , Duration:5±0.5sec.