

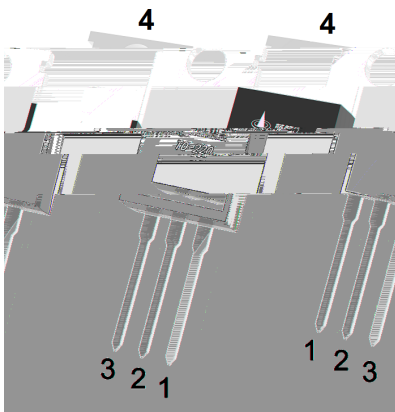
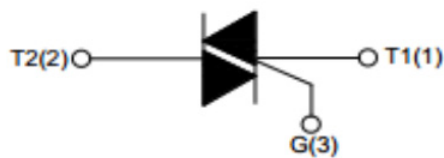
Rev.A Apr.-2024

TO0553

Triac in a TO-220 Plastic Package.

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

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



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

See Marking Instructions.

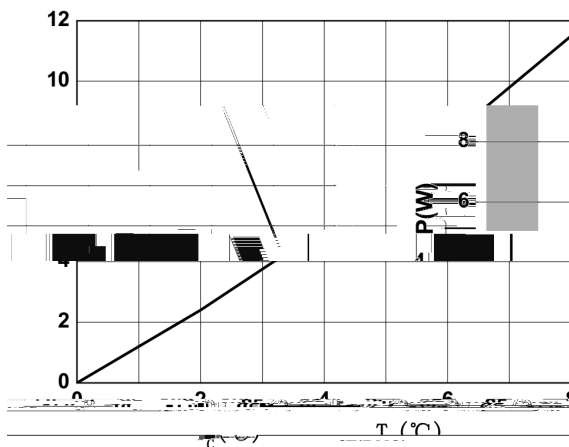


FIG.2: RMS on-state current versus case temperature

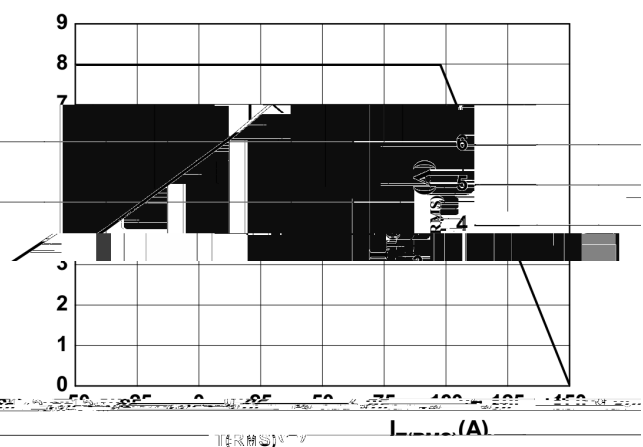


FIG.1 Maximum power dissipation versus RMS on-state current

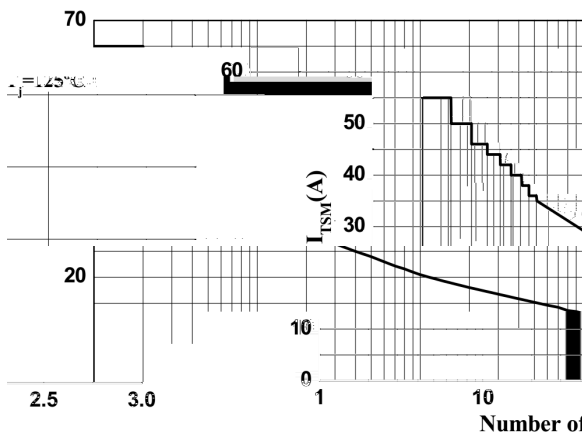


FIG.3: Surge peak on-state current versus number of cycles

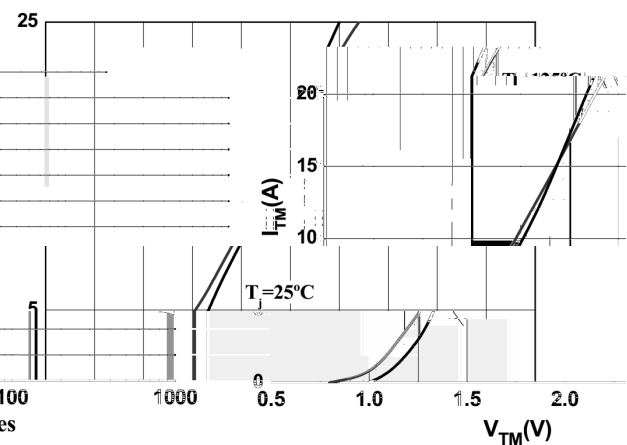


FIG.4: On-state characteristic

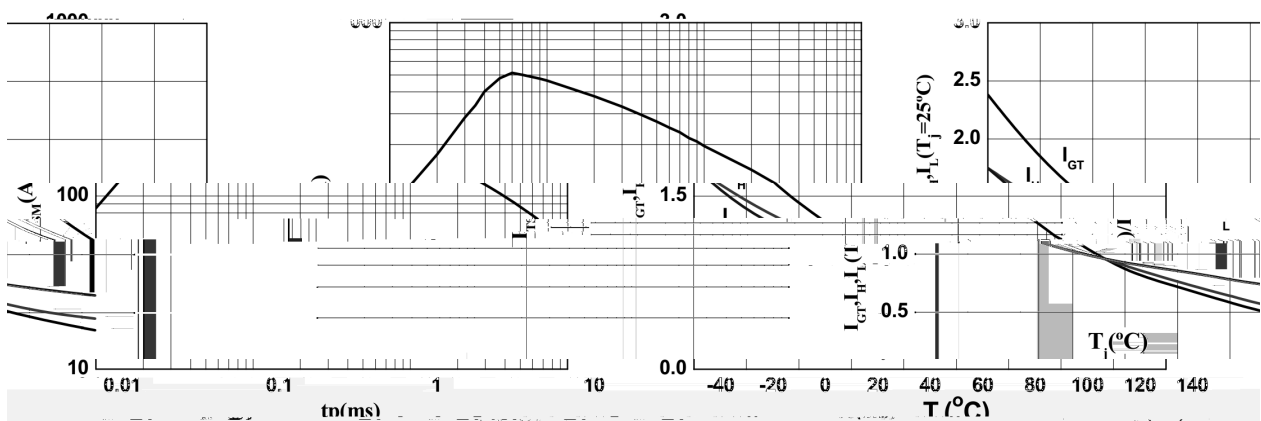
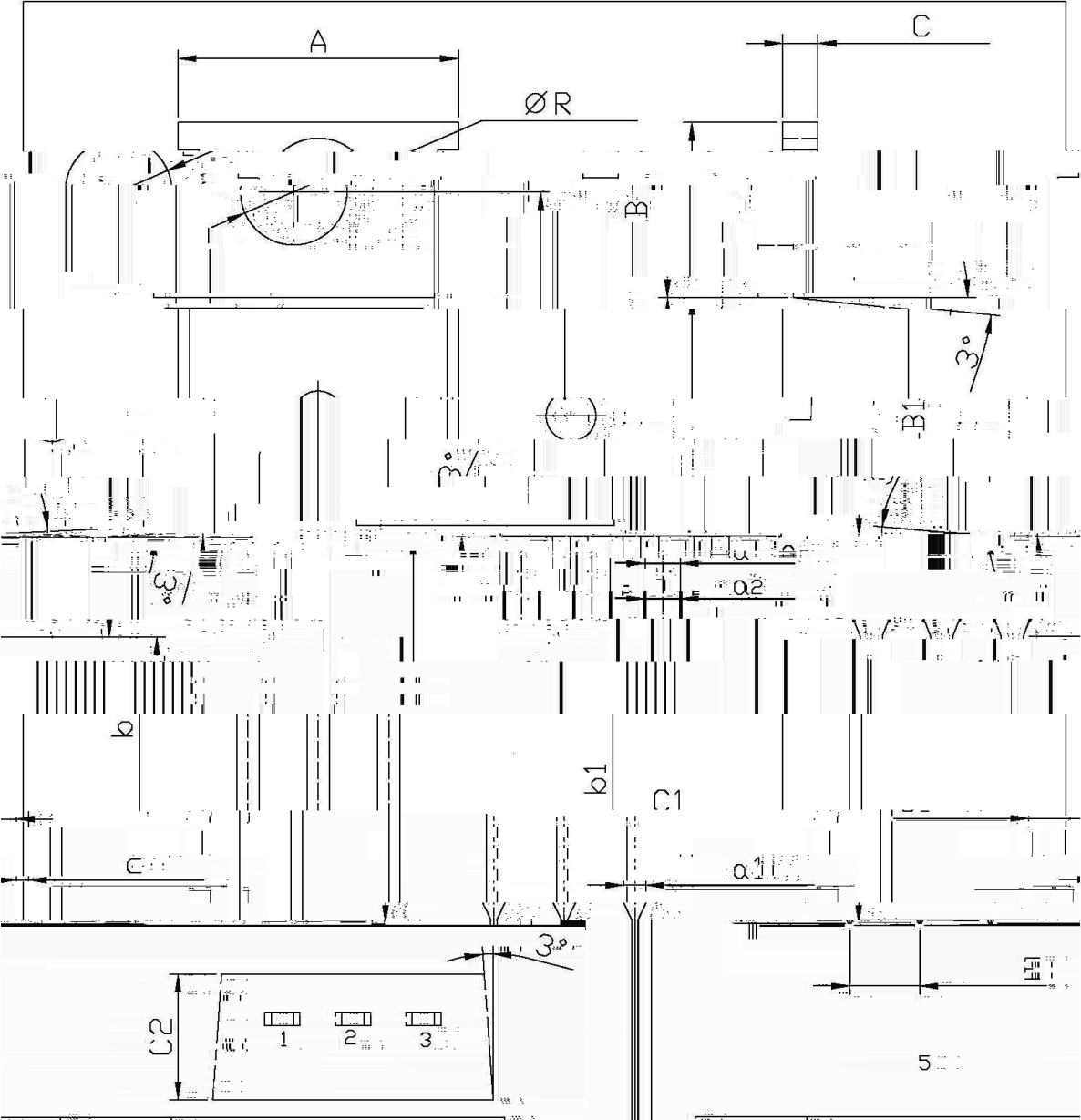


FIG.5: Non-repetitive surge peak on-state current

FIG.6: Relative variations of gate trigger

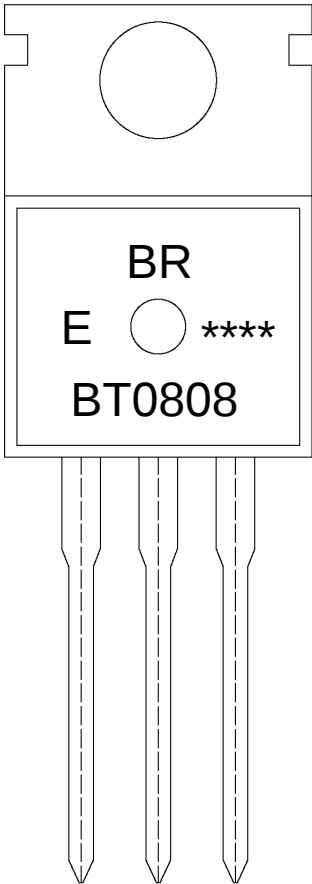
T□-220

单位: mm



Dimensions In Millimeters		
Symbol	Min	Max
A	9.8	10.2
R	3.56	3.64
B	15.7	16.1
b	2.6	3.6

Dimensions In Millimeters		
Symbol	Min	Max
C	1.2	1.4
B1	6.3	6.7
C1	2.2	2.6



ER

E

I_{GT}

ET3838

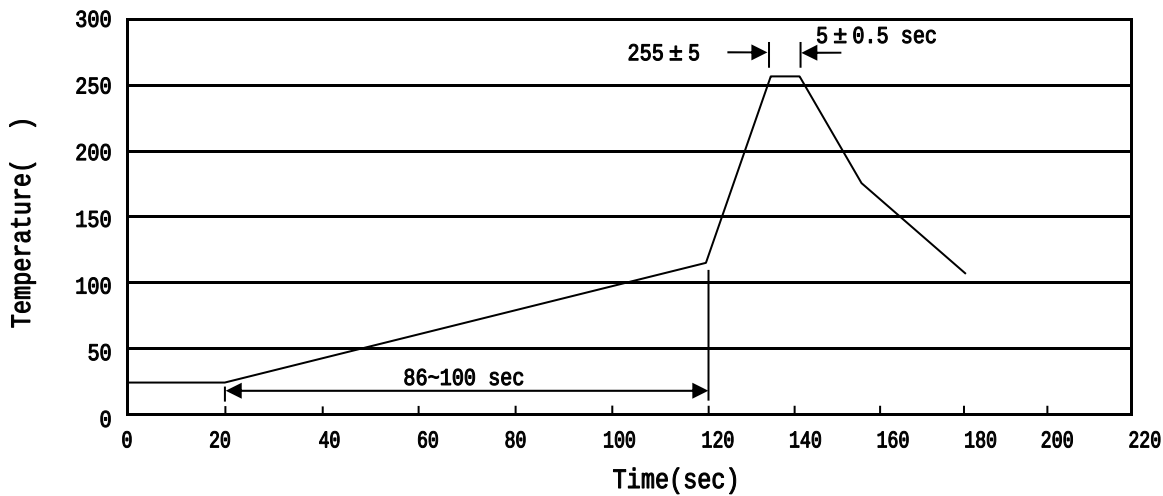
Note:

BR: Company Code

E: I_{GT} Bracket code

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

BT0808: Product Type Code



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.

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ BULK

Package Type	Units					Dimension (unit mm ³)		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units					Dimension (unit mm ³)		
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180