

BRBT1208SWBD

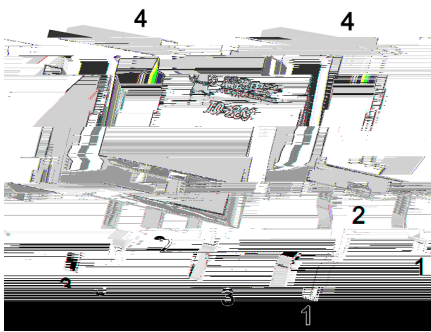
Rev.A Apr.-2024

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Triac in a TO-263 Plastic Package.

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

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

/ Marking

See Marking Instructions.

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蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

Parameter	Symbol	Rating	Unit
Repetitive peak off-state/reverse voltages($T_j=125$)	V_{DRM}/V_{RRM}	800	V
RMS on-state current($T_C=90$) Non repetitive surge peak on-state current(full cycle, $T_j=25^{\circ}C$)	$I_{T(RMS)}$ $I_{TSM(t=20ms)}$	12	A

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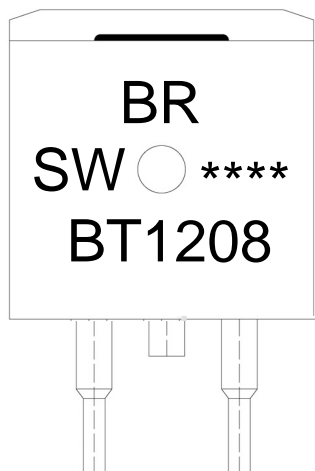


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DATA SHEET

/ Electrical Characteristic Curve

/ Marking Instructions



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Note:

BR: Company Code

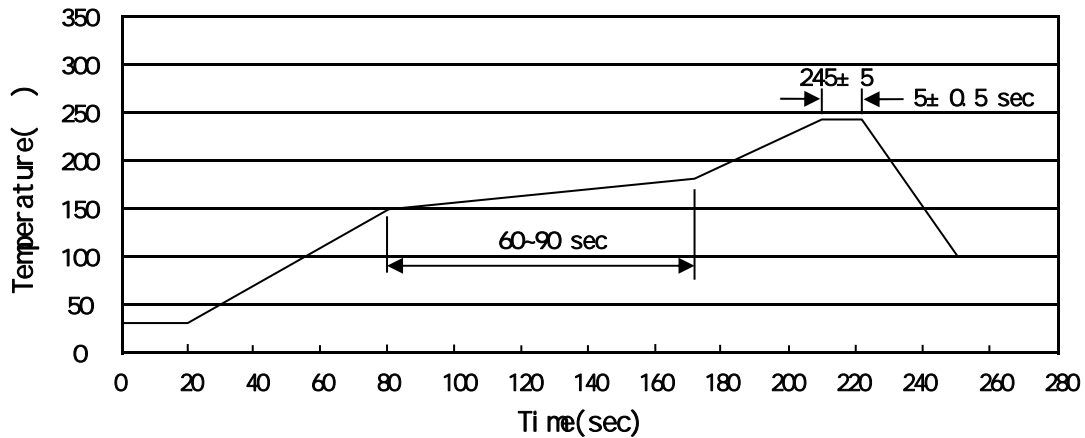
SW: IGT Bracket code

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

BT1208: Product Type Code



() / Resistance to Soldering Heat Test Conditions



Note:

- 1 150 180 60 90sec; 1.Preheating:150~180 , Time:60~90sec.
- 2 245..5 5..0.5sec; 2.Peak Temp.:245..5 , Duration:5..0.5sec.
- 3 2 10 /sec. 3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260..5 10..1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
TO-263	800	1	800	6	4,800	13 x24	360x360x50	380x335x366

/ TUBE

Package Type	Units					Dimension (unit mm ³)		
TO-263	50	20	1,000	5	5,000	532x33x7.0	555x164x50	575x290x180

/ Notices