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WR0596 M M E ♀ b l i

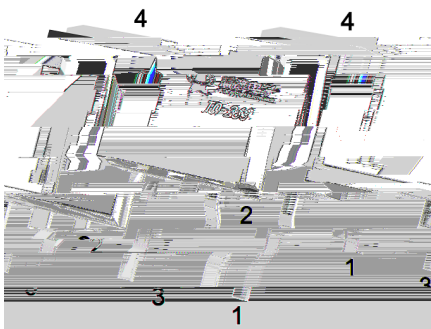
Triac in a TO-263 Plastic Package.

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

[illegible]

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



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

4. H 2 / Marking

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See Marking Instructions.

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

BRBT1208SWBD

Rev.A Apr.-2024

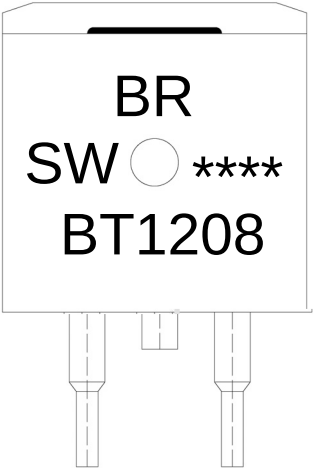


蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

电气特性 / Electrical Characteristic Curve

1. 标记 / Marking Instructions



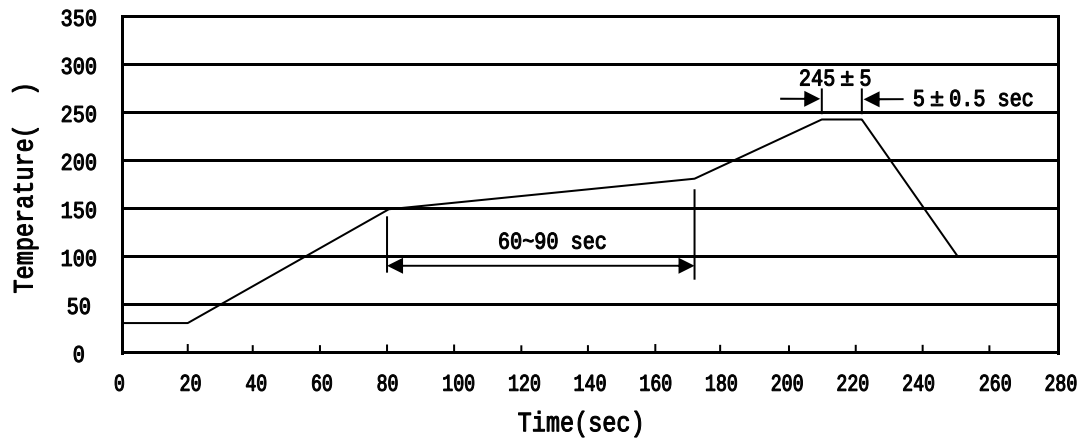
公司代码	BR
EU 代码	SW
VZ 代码	IGT
---- 代码	Lot No. Code
EW453; 代码	Product Type Code

Note:

BR:	Company Code
SW:	IGT Bracket code
****:	Lot No. Code, code change with Lot No
BT1208:	Product Type Code



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1. 150 °C ~ 180 °C , Time: 60 ~ 90 sec;

2. 245 ± 5 °C , Duration: 5 ± 0.5 sec;

3. Cooling Speed: 2 ~ 10 °C / sec.

Note:

1. Preheating: 150 ~ 180 °C , Time: 60 ~ 90 sec.

2. Peak Temp.: 245 ± 5 °C , Duration: 5 ± 0.5 sec.

3. Cooling Speed: 2 ~ 10 °C / sec.

Resistance to Soldering Heat Test Conditions

□ °C 260 ± 5

Time: 10 ± 1 sec.

Temp.: 260 ± 5

Time: 10 ± 1 sec

Packaging SPEC.

□ °C / REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
TO-263	800	1	800	6	4,800	13 × 24	360 × 360 × 50	380 × 335 × 366

□ °C / 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-263	50	20	1,000	5	5,000	532 × 33 × 7.0	555 × 164 × 50	575 × 290 × 180

Notices