

器件

WR0596 三端双向可控硅

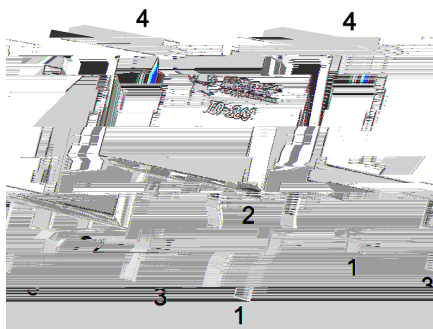
Triac in a TO-263 Plastic Package.

中电流双向可控硅，低导通压降，高可靠性和稳定性，低热阻，HF产品。

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

适用于一般交流开关。如静态继电器、加热调节、感应电动机启动电路、电动机速度控制器等。

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



PIN1 主端子1 PIN 2 主端子2 PIN 3 门极

封装 / Marking

见“器件”

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($T_c=90\text{ }^{\circ}\text{C}$) Non repetitive surge peak on-state current(full cycle, $T_j=25^{\circ}\text{C}$)	$I_{\text{T(RMS)}}$ $I_{\text{TSM(t=20ms)}}$	12	A

BRBT1208SWBD

Rev.A Apr.-2024

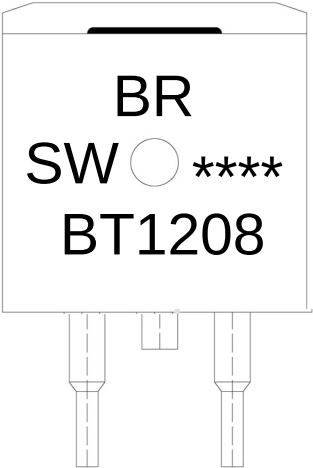


蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

电气特性 / Electrical Characteristic Curve

1. 1.1 / Marking Instructions

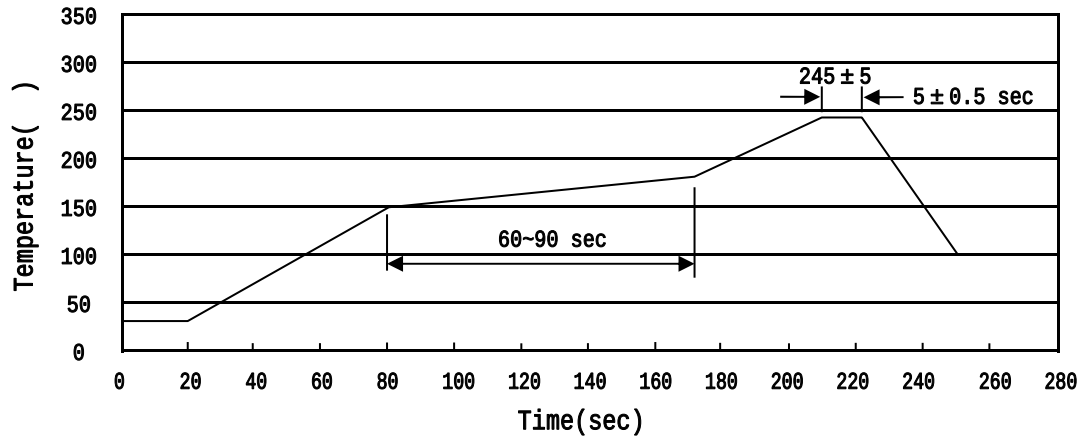


BR	公司代码
SW	封装代码
BT1208	产品代码
****	Lot No. Code, code change with Lot No
EW453	生产批次

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 ~ 90sec;

2. 245 ± 5 °C , Time: 5 ± 0.5sec;

3. Cooling Speed: 2 ~ 10 °C /sec.

Note:

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

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

3. Cooling Speed: 2~10 °C /sec.

Resistance to Soldering Heat Test Conditions

□ °C ~ 260 °C

Time: 10 ± 1 sec.

Temp.:260±5

Time:10±1 sec

Packaging SPEC.

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

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