BRBT1208SWBD

Rev.A Apr.-2024

DATA SHEET

"Yت

WR0596 ṂṂŁ ᵇ ˡ í

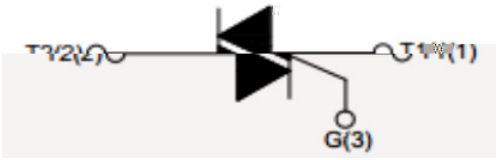
Triac in a TO-263 Plastic Package.

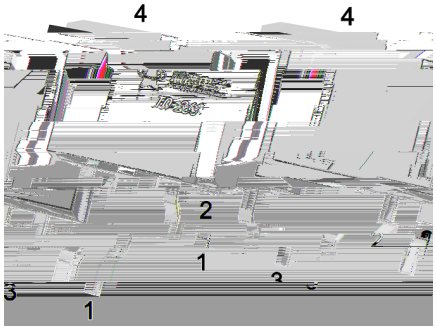
ᴬ ɔ ╚ ˡ í ˡ Ḥ ᶇ õ ʀ ᴗ ˡ ˎ ó ⁼ ˡ ḧ ó ˡ ♬ ᷾ ɔ ᷿ ⁼ ó Ḥ ˡ ṇ ᶠ ᵝ

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

᷿ ᷾ ᷾ ᴗ ʃ ╚ Ȧ ʜ ḅ ḍ õ ʌ ɔ ʰ ᷾ ♬ ᴗ ` ȧ ℓ ɔ ᵗ ᵛ ᵗ ɔ ᵗ ɔ ᵗ ᵃ ɔ ᵈ ỷ í ˙ ʰ ˡ

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

ᵗ. ʜ ᴬ / Marking

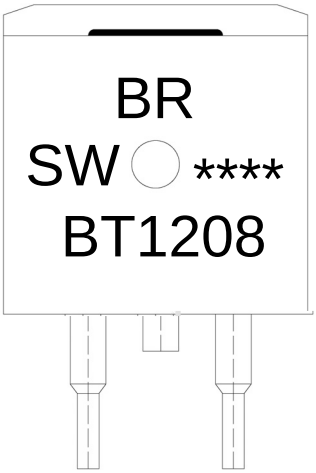
ᵒ ᴍ ˡ ᵇ ˝

See Marking Instructions.

v ̈Ǫ Parameter	ϒ N Symbol	̈Ǫ Ö Rating	D Ɉ Unit
Repetitive peak off-state/reverse voltages(T_j=125 ɫ)	V_{DRM}/V_{RRM}	800	V
RMS on-state current(T_C=90 ɫ)	$I_{T(RMS)}$	12	A
Non repetitive surge peak on-state current(full cycle, T_j=25°C)	$I_{TSM(t=20ms)}$		

⁝ ƎÃ´E Ⅵƒ / Electrical Characteristic Curve

Ł. L˝Ω / Marking Instructions

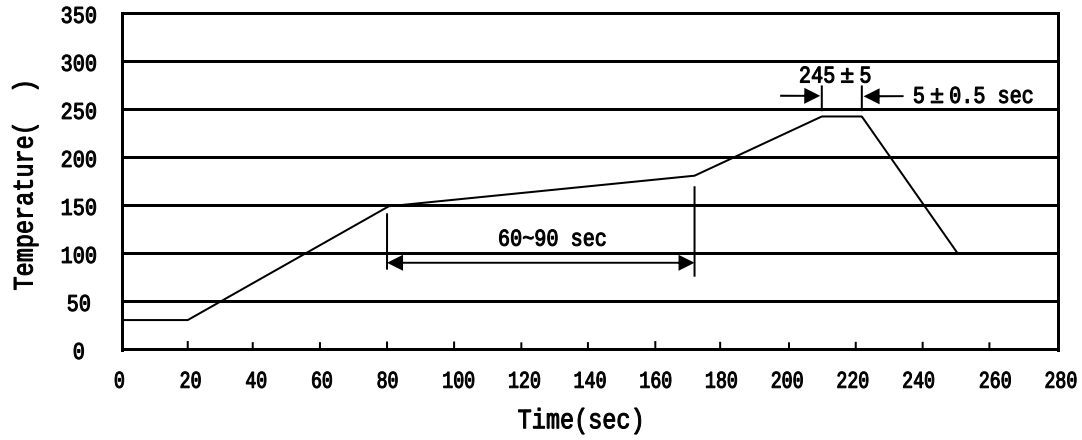


ب ˝ χ	
EU χ	⌘ ⅋ ᴵᴵ Ɱ
V Z χ	⌘ LJW˂ ⁶ Ɱ
---- χ	⌘ ⅎ ⅎ ŋ̈ ᴺ Ɱ ı ⅋ ⅎ ⅎ ŋ̈ ᴺ ψ ⅋
EW453 ; χ	⌘ ⅋ ᴺ Ɱ

Note:

BR:	Company Code
SW:	I_{GT} Bracket code
****:	Lot No. Code, code change with Lot No
BT1208:	Product Type Code

ѭ ʃ ╕ ẘ ´E ѵ ƒ (ѽ ƨ) / Wh p shudwxuh Suril oh i ru LU Uhi o r z Vr oghulq j +Se0 luhh,



ᄂ ˝ χ

1 Ĺ ♬ □ ẙ 150 Ḱ 180 ɬ ı ̀H ᵹ 60 Ḱ 90sec;

2 Š Ë □ ẙ 245 ° 5 ɬ ı ̀H ᵹ ̀Y ʌ ѭ 5 ° 0.5sec;

3 ì ˙ ϒ ˛ ɔ ѧ ẙ ѭ 2 Ḱ 10 ɬ /sec.

Note:

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

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

3. Cooling Speed: 2~10 ɬ /sec.

ʌ ü ɋ ¯ ̀Y Ţ / Resistance to Soldering Heat Test Conditions

□ ẙ χ 260 ° 5 ɬ	̀H ᵹ χ 10 ° 1 sec.	Temp.:260±5	Time:10±1 sec

ƽ Ŀ ϩ — / Packaging SPEC.

ɔ ` ϒ Ŀ / REEL

Package Type	Units					Dimension		(unit mm³)
TO-263	800	1	800	6	4,800	13 ×24	360×360×50	380×335×366

˷ ϒ Ŀ / TUBE

Package Type	Units					Dimension		(unit mm³)
TO-263	50	20	1,000	5	5,000	532×33×7.0	555×164×50	575×290×180

ä ѵ ŗ Ѽ / Notices