

BRMMBT4403Q

Rev.B May.-2023

/ Descriptions

SOT-23 PNP Silicon PNP transistor in a SOT-23 Plastic Package.

/ Features

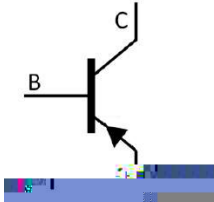
500mA AEC-Q101

Collector currents up to 500 mA, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

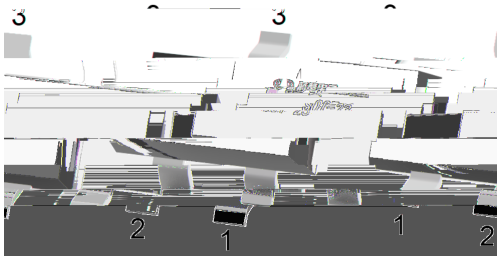
/ Applications

General purpose amplifier and switch requiring, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



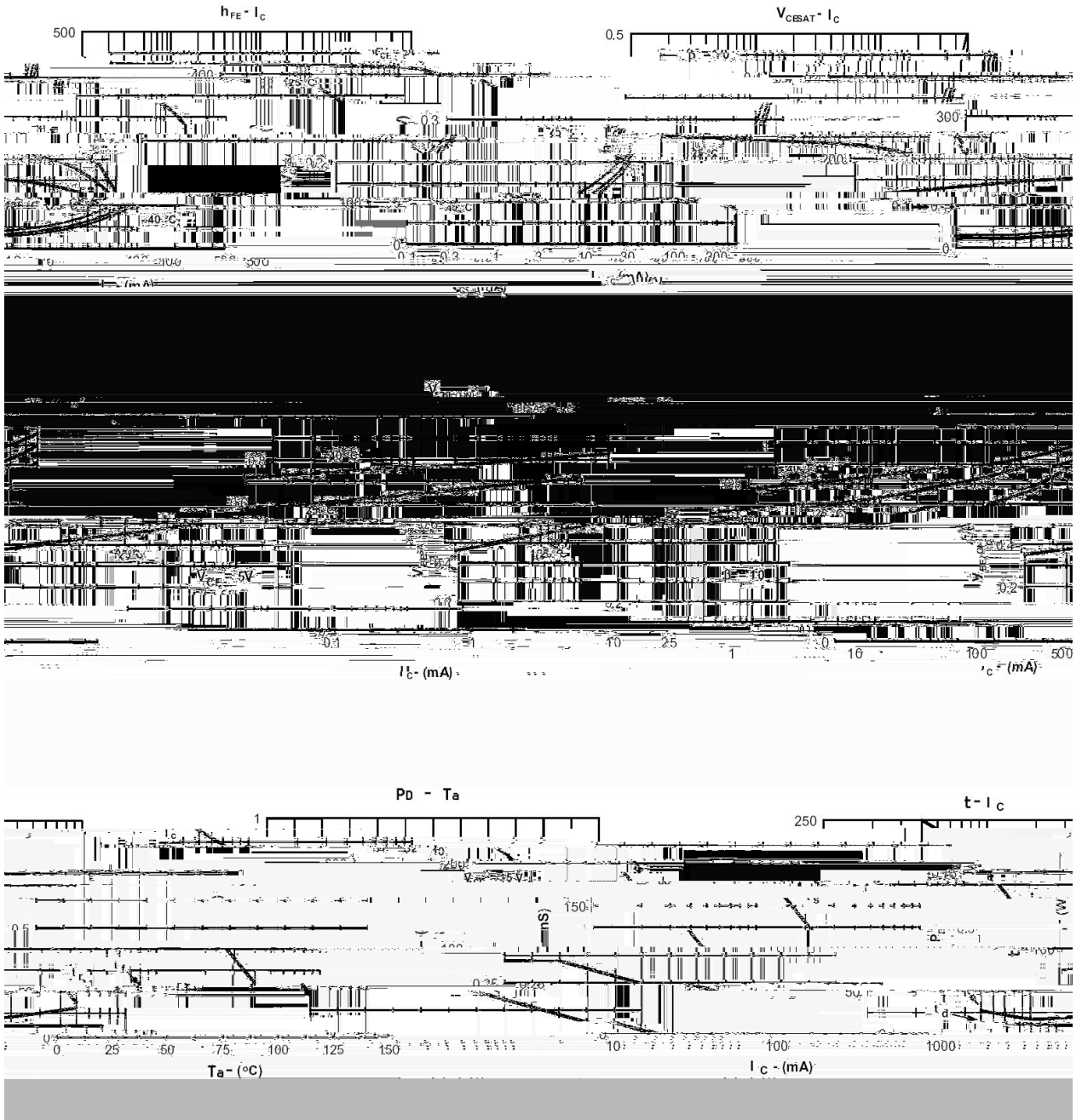
PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ hFE Classifications & Marking

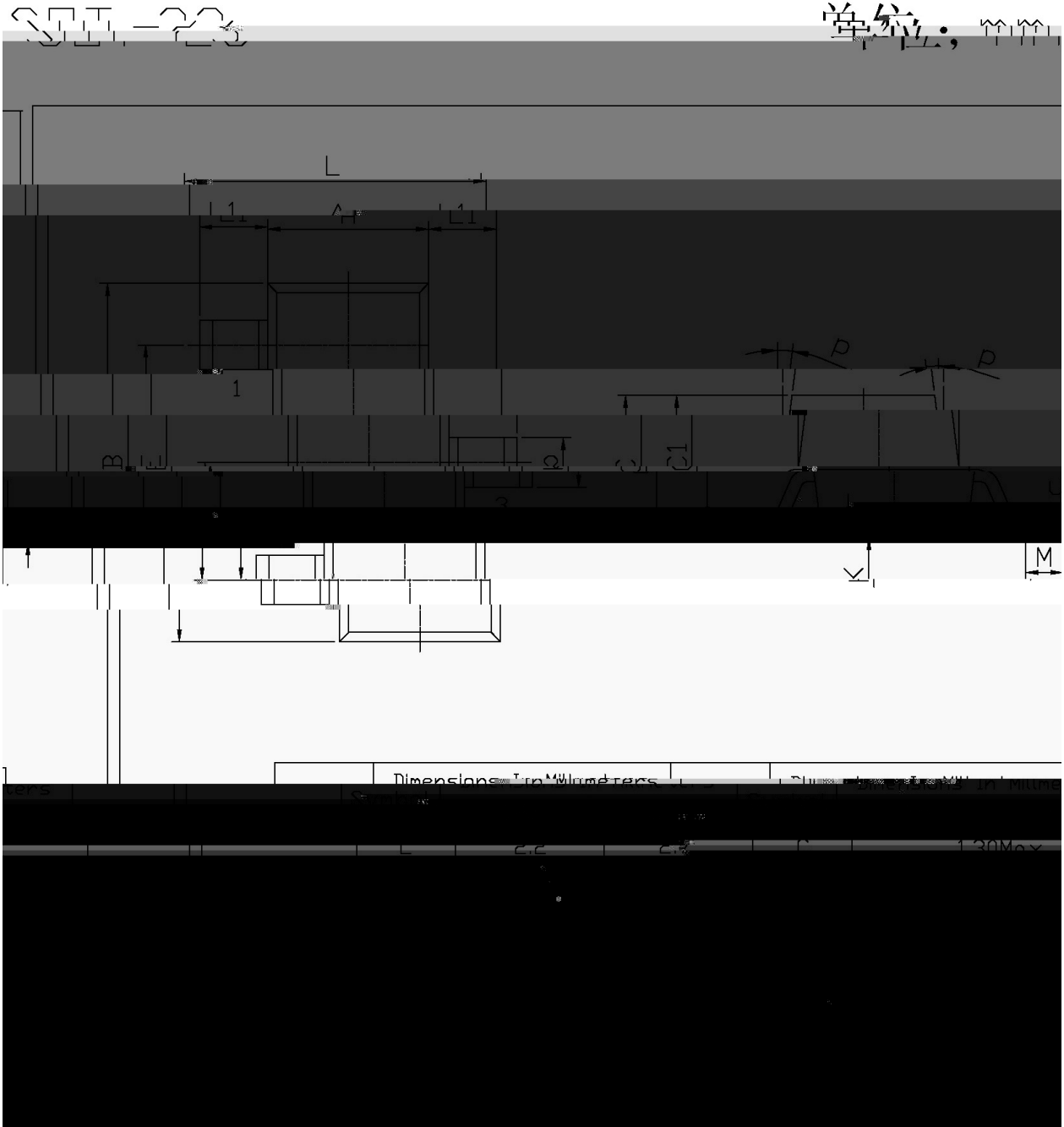
hFE Range	100 300
Marking	2TQ

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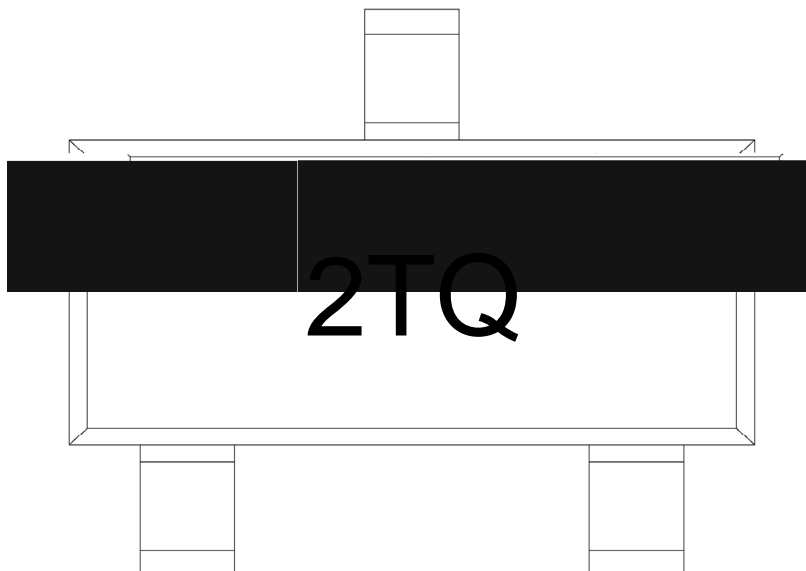
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



2T

Q

Note:

2T Product Type Code

Q: Automobile halogen-free product Code

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Note:

- | | | | |
|---|---------|------------|---|
| 1 | 150 200 | 60 120sec; | 1.Preheating:150~200 , Time:60~120sec. |
| 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. |