/ Descriptions

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

/ Features

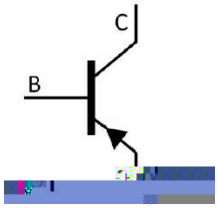
500mA AEC-Q101

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

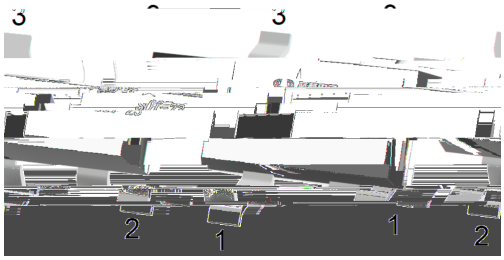
/ Applications

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

/ Equivalent Circuit



/ Pinning



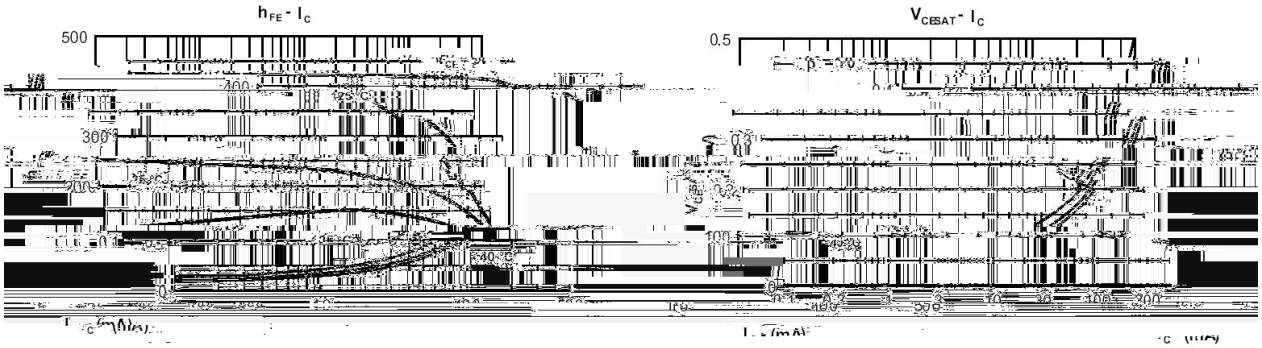
PIN 1 Base PIN 2 Emitter PIN 3 Collector

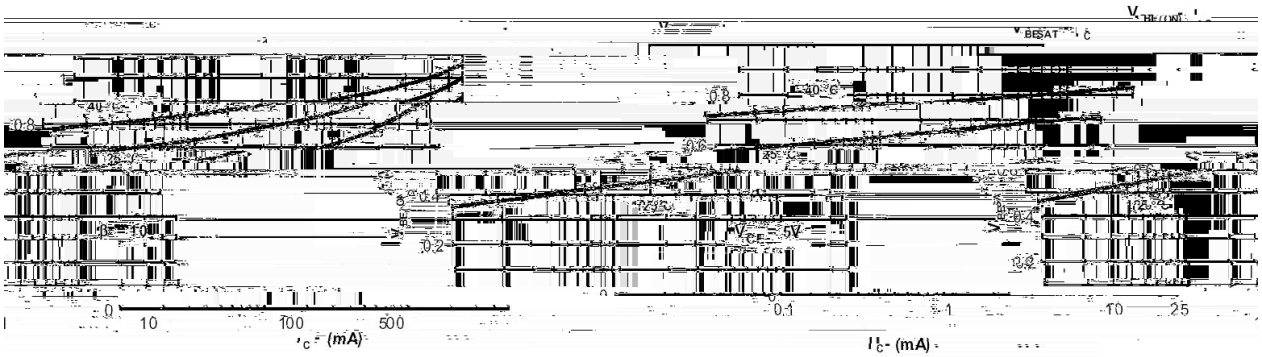
/ h_{FE} Classifications & Marking

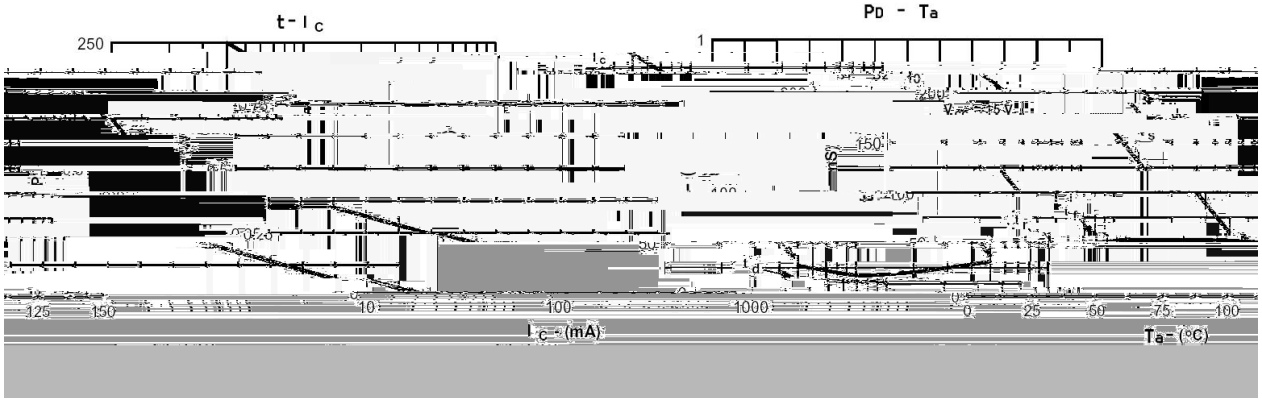
h_{FE} Range	100 300
Marking	2TQ

BRMMBT4403Q

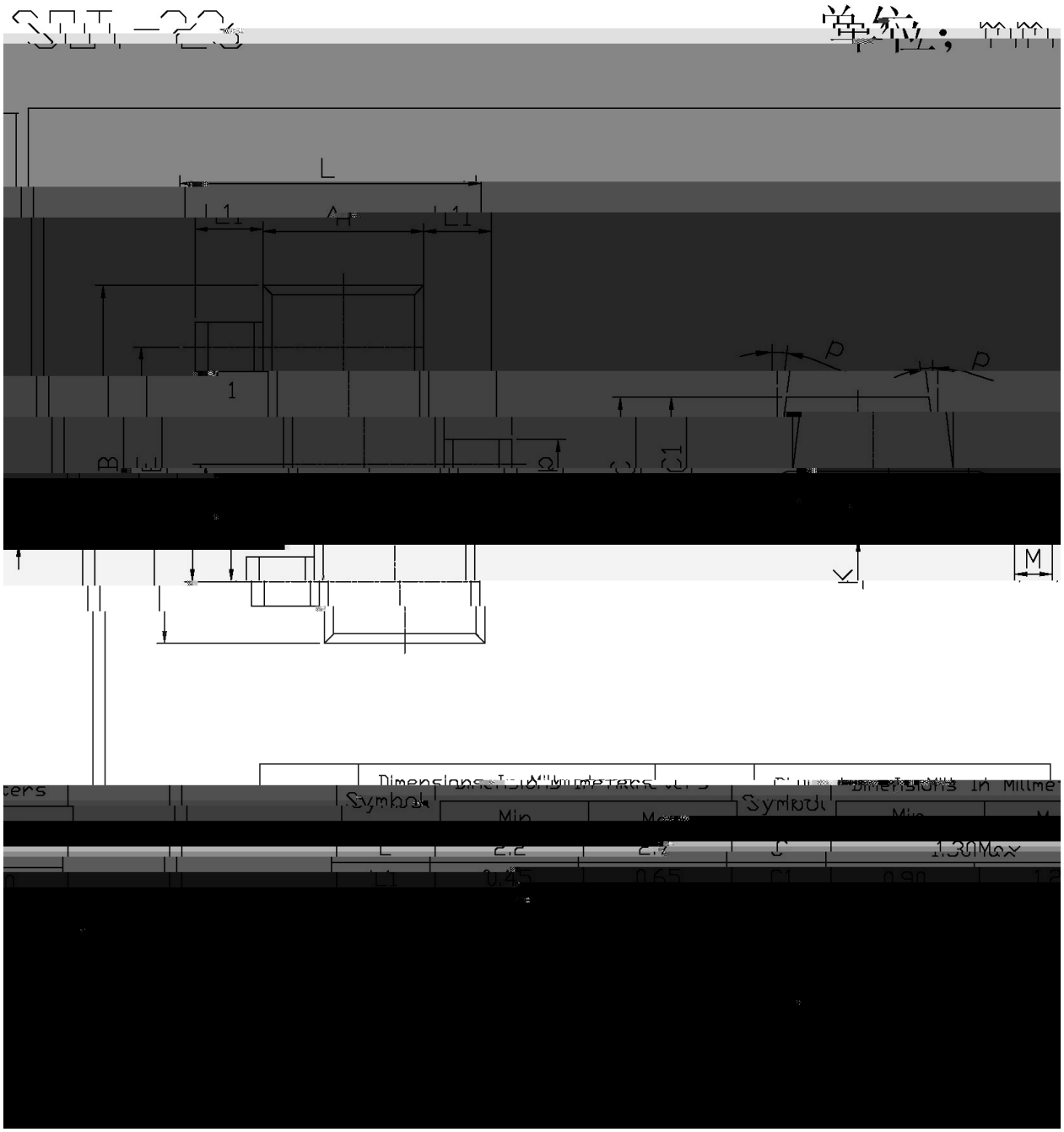
/ Electrical Characteristic Curve



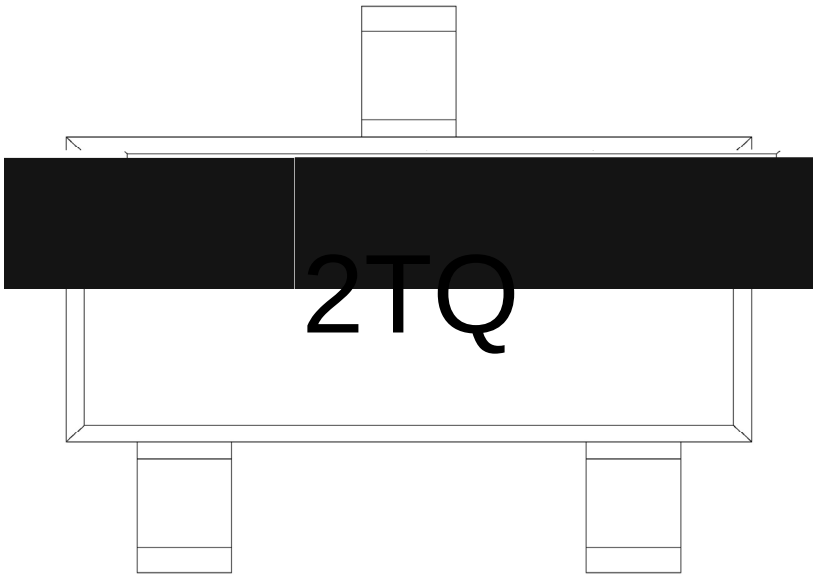




/ Package Dimensions



/ Marking Instructions



2T

Q

Note:

2T	Product Type Code
Q:	Automobile halogen-free product Code

( ) / Wh p shrdwxrh Prr iiohirr IU Uhiorw Vroghriqj+Pe-Frhh,

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.

p/TT4 5/22Tcp/12(c)4(p/12(c)Resist)22(seance5.7Nto Solderg)44( )Htin)337(p)est Condion5s