

/ Descriptions

Silicon NPN transistor in a SOT-23 Plastic Package.

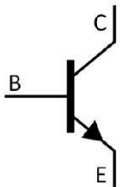
/ Features

High f_T .

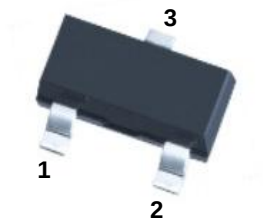
/ Applications

Suitable for RF amplifier in FM/AM radios.

/ Equivalent Circuit



/ Pinning



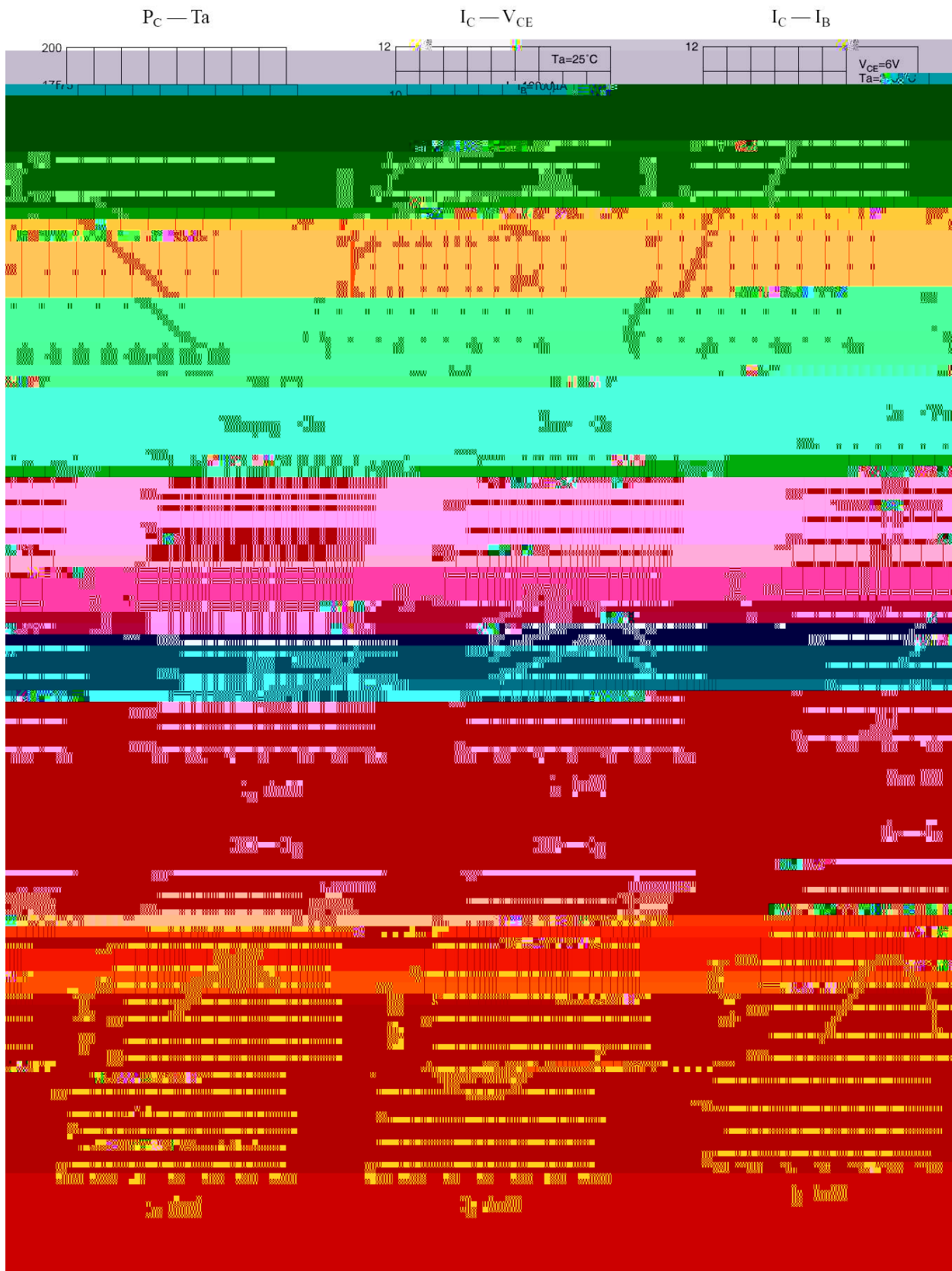
PIN1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	40 110	65 160	100 260
Marking	HUB	HUC	HUD

Parameter	Symbol	Rating	Unit
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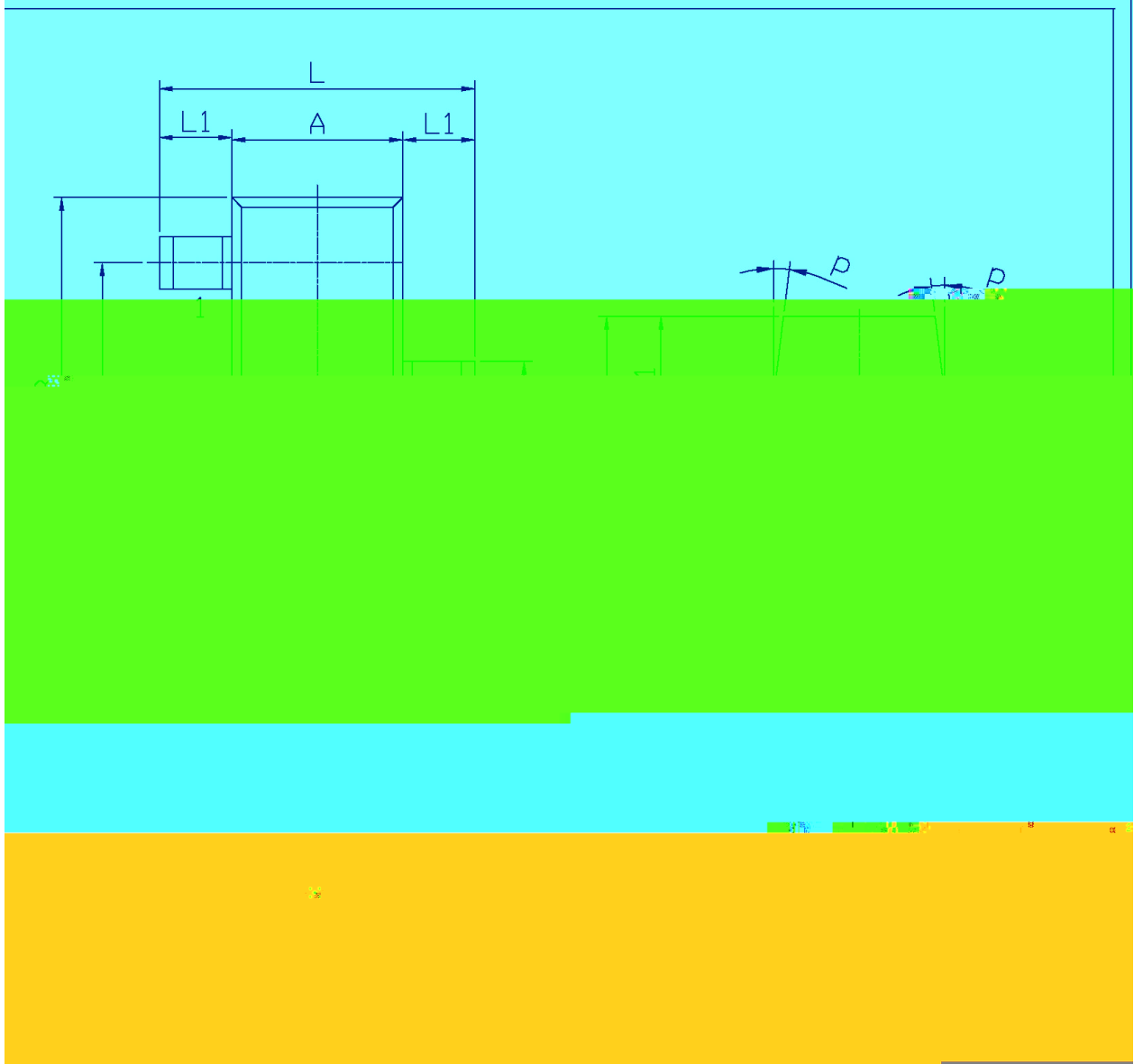
/ Electrical Characteristic Curve



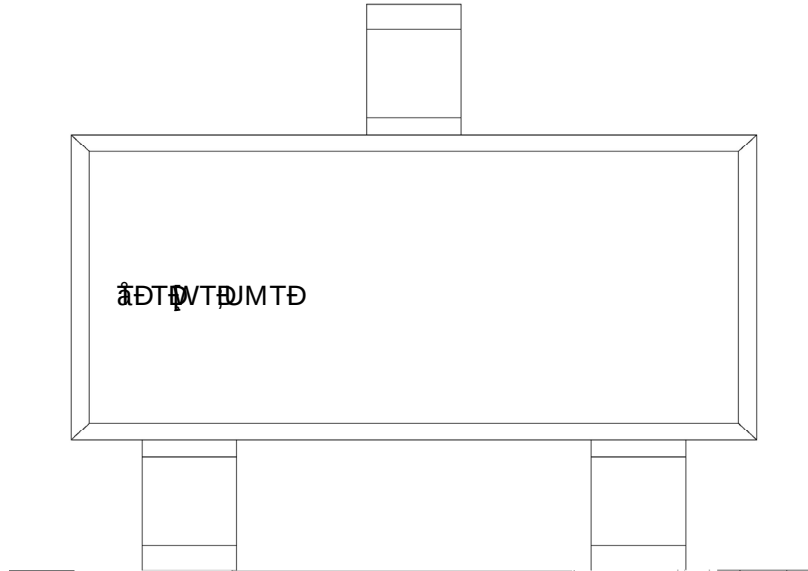
/ Package Dimensions

SOT-23

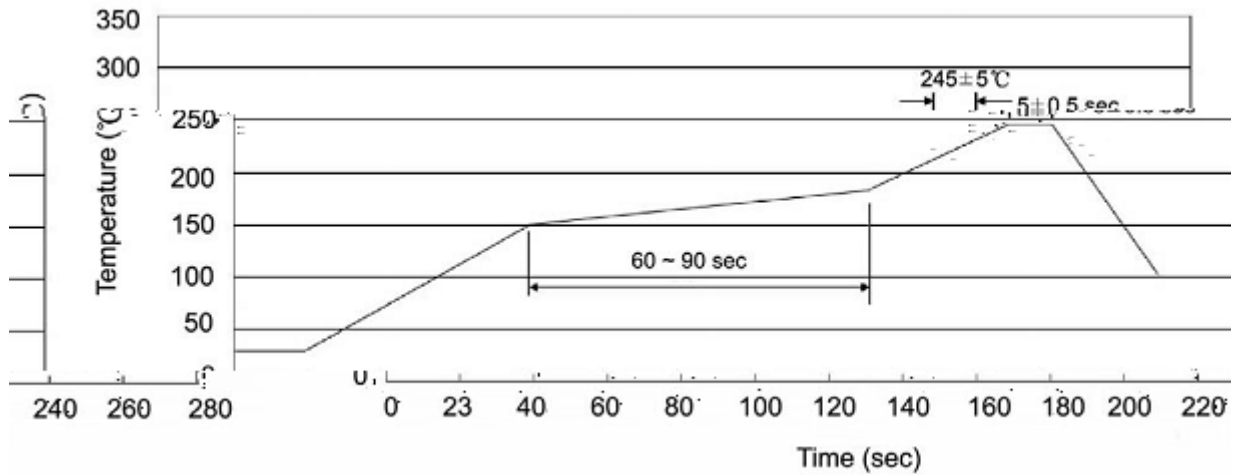
单位: mm



/ Marking Instructions



() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

1. 25 150 60 90sec; 1.Preheating:25~150 , Time:60~90sec.
2. 245 5 5 0.5sec; 2.Peak Temp.:245 5 , Duration:5 0.5sec.
3. 2 10 /s.c. 3. Coolin Speed: ~10 /s.c.

P/B Distance to Soldering Heat Test Conditions