

BC807

Rev.F Apr.-2017

/ Descriptions

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

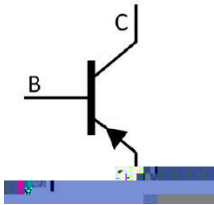
/ Features

I_C BC817
High I_C ,complementary pair with BC817.

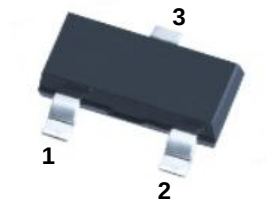
/ Applications

General power amplifier and switching applications

/ Equivalent Circuit



/ Pinning



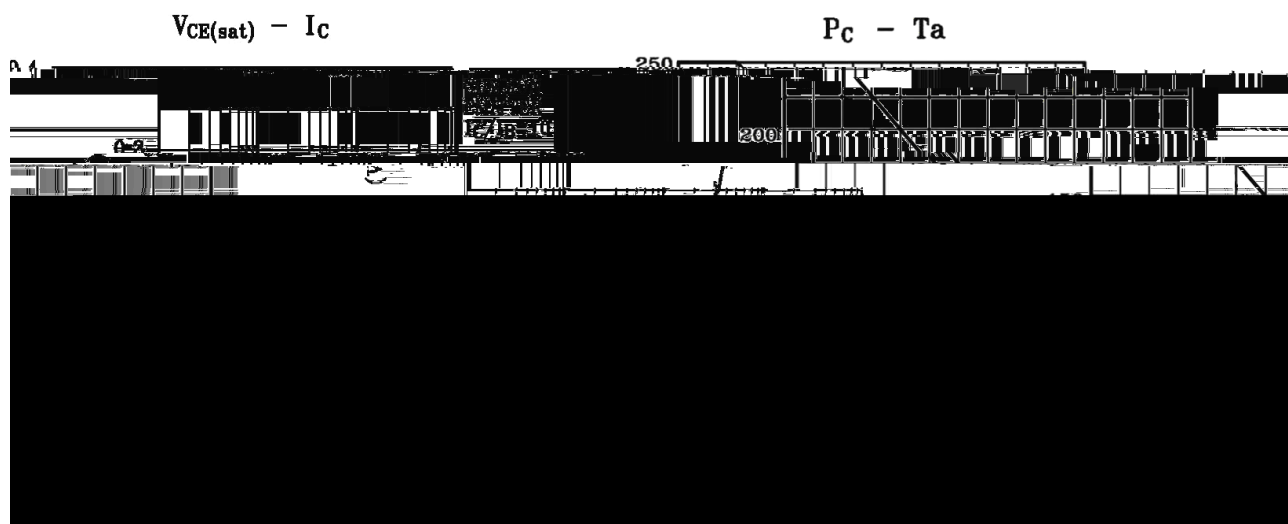
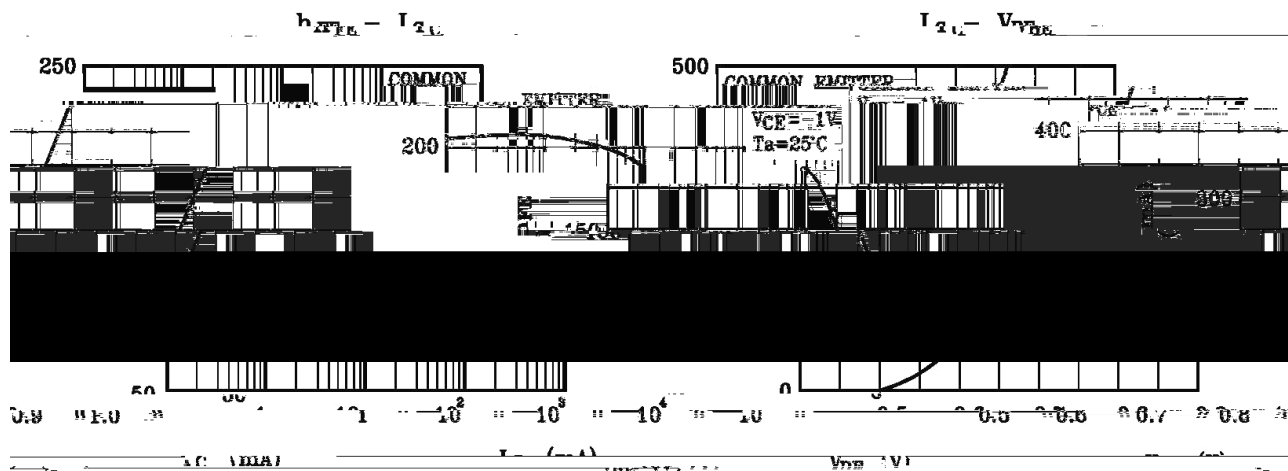
PIN1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

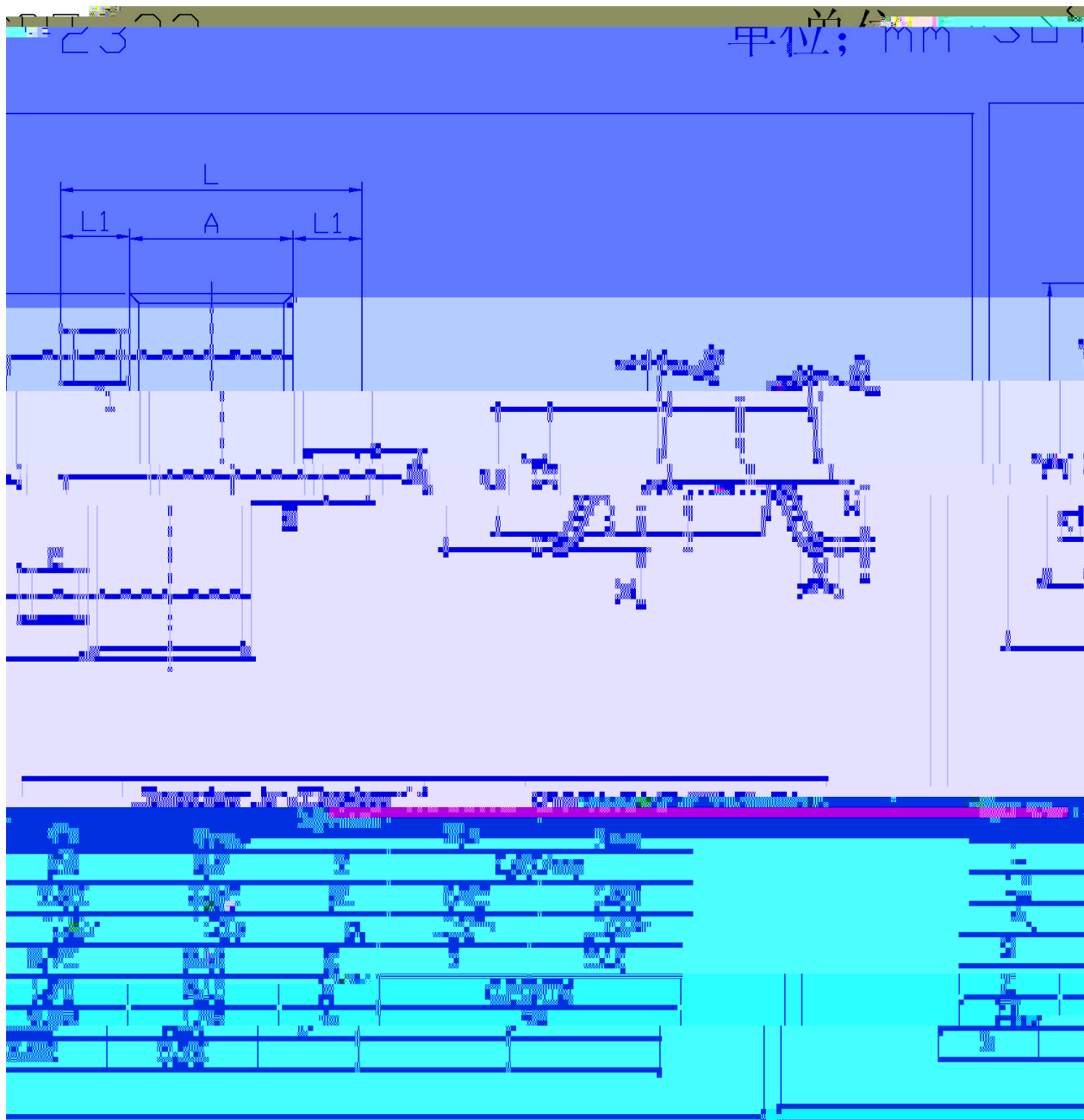
h_{FE} Classifications Symbol	16	25	40
h_{FE} Range	100 250	160 400	250 600
Marking	H5A	H5B	H5C

Parameter

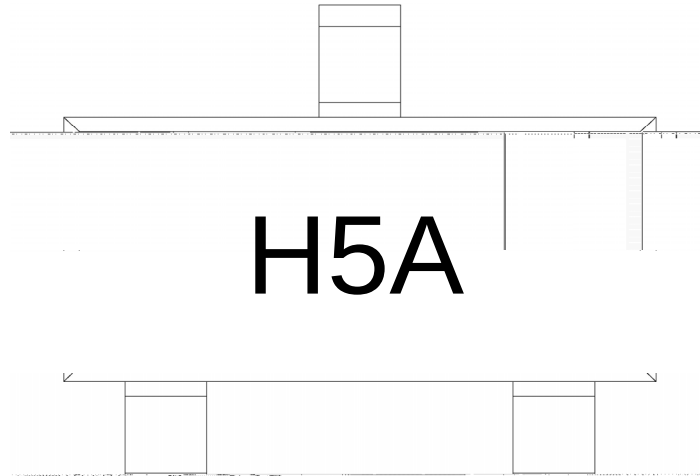
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



H

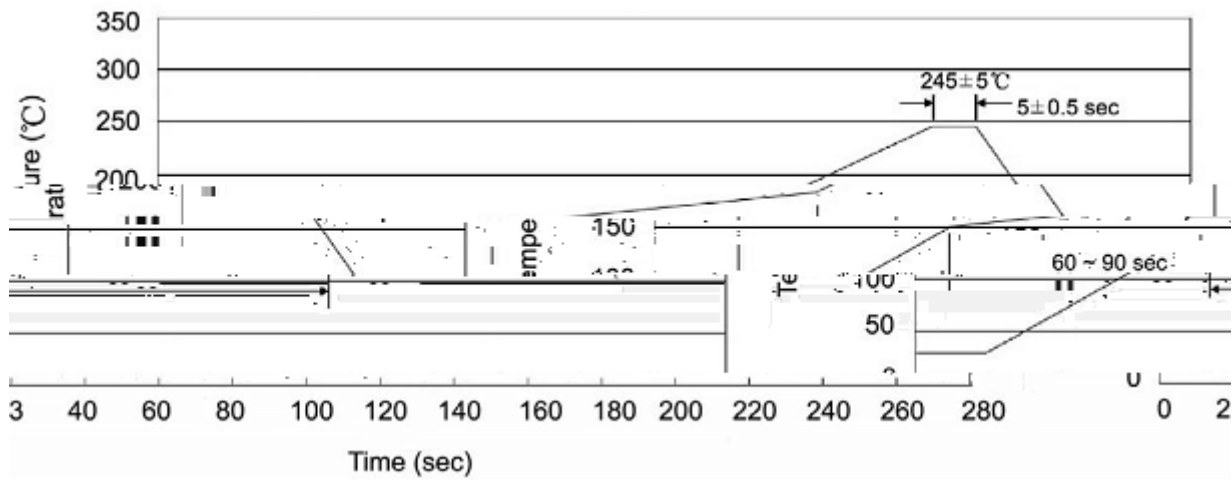
5A

Note:

H: Company Code.

5A: Product Type Code

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



Note:

- 1

25 150

60 90sec;

25 150

60 90sec;
- 2

245±5

5±0.5sec;

245±5

5±0.5sec;
- 3

2 10 /sec.

2 10 /sec.

2 10 /sec.

2 10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices