

# BC807

Rev.F Apr.-2017

## / Descriptions

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

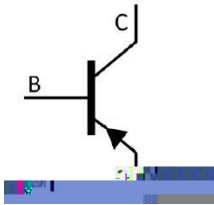
## / Features

$I_C$           BC817  
High  $I_C$ , complementary pair with BC817.

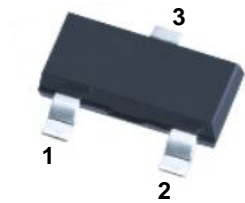
## / Applications

General power amplifier and switching applications

## / Equivalent Circuit



## / Pinning



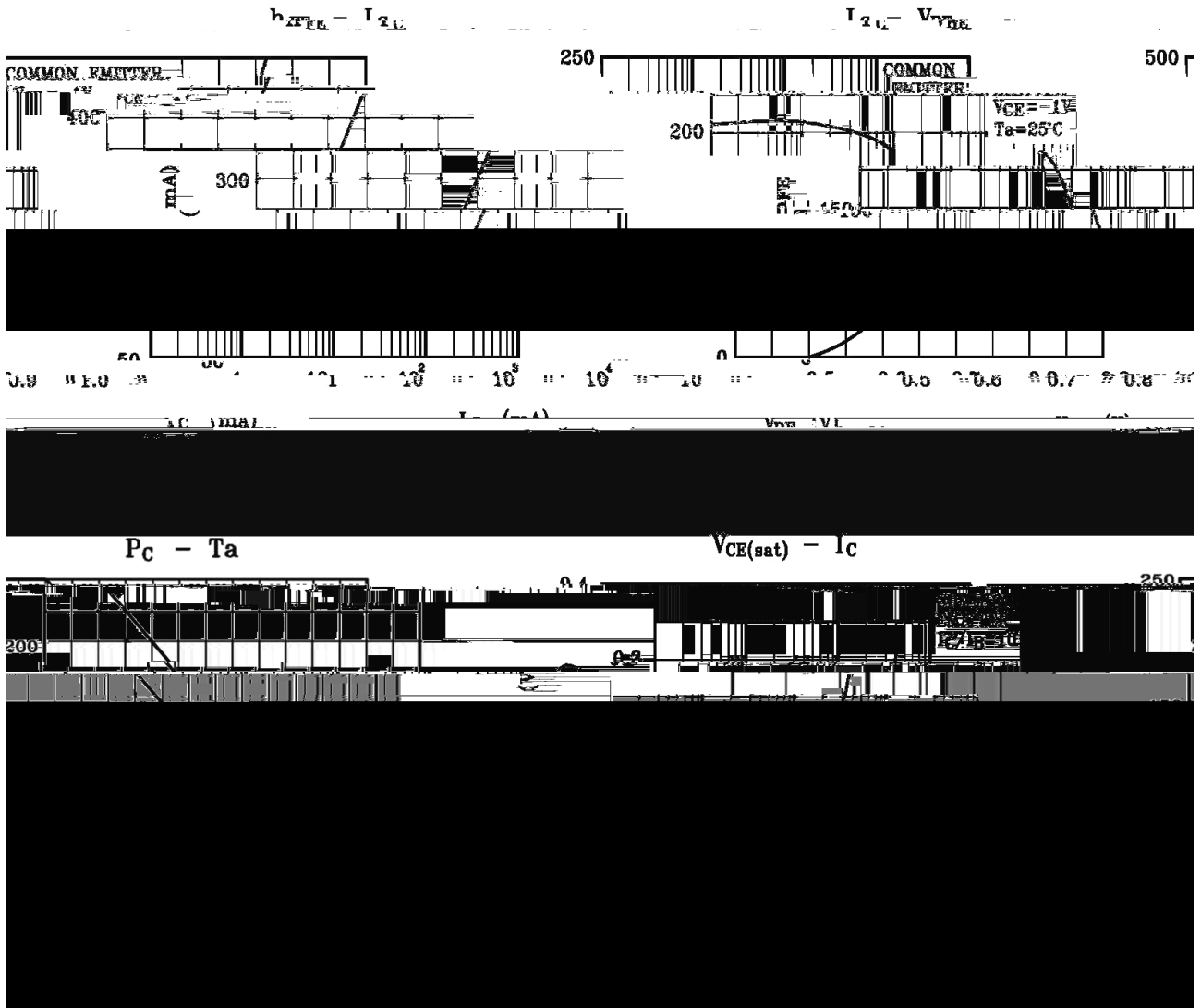
PIN1 Base          PIN 2 Emitter          PIN 3 Collector

## / $h_{FE}$ Classifications & Marking

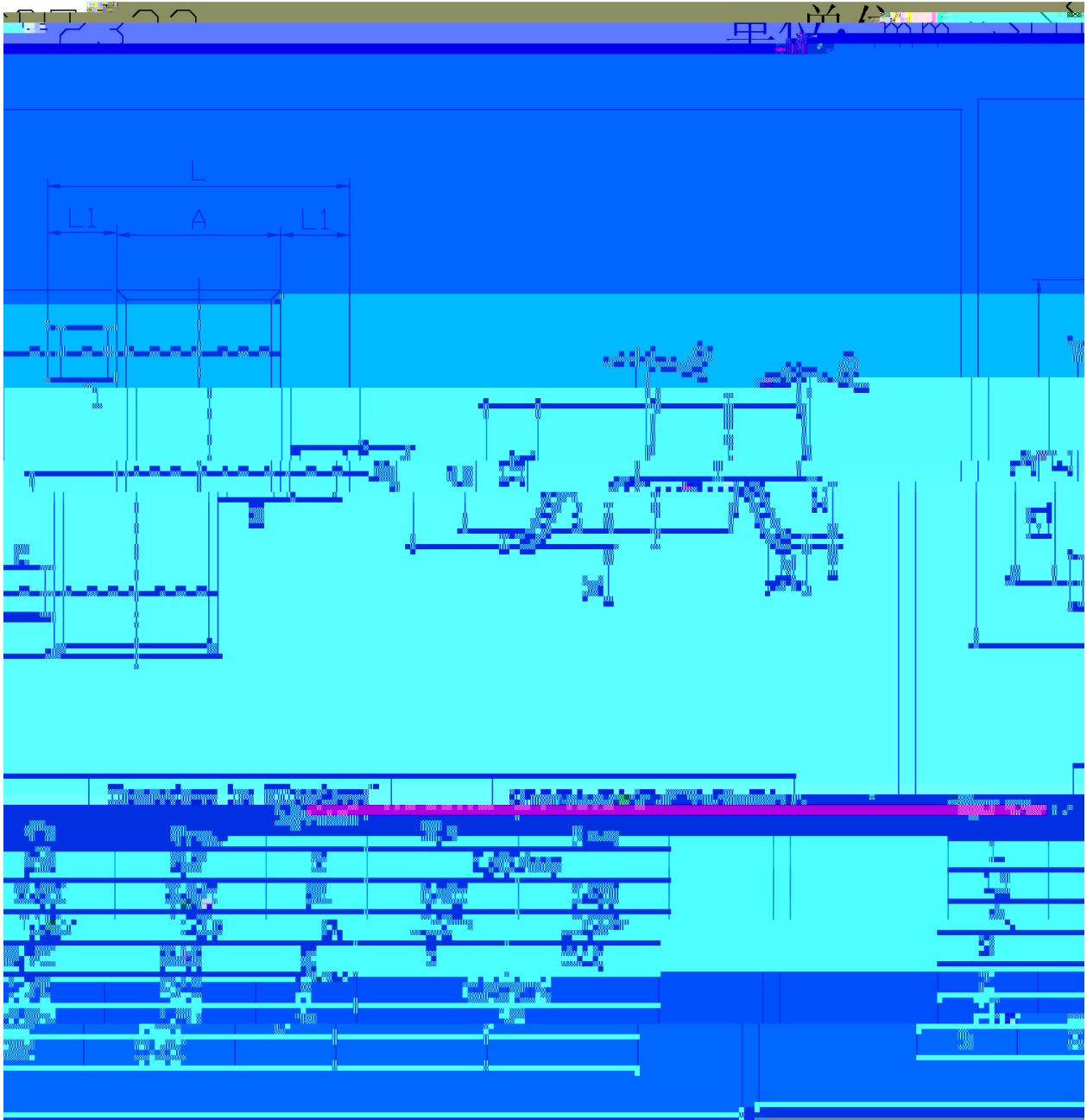
$h_{FE}$ Classifications Symbol	16	25	40
$h_{FE}$ Range	100 250	160 400	250 600
Marking	H5A	H5B	H5C

Parameter

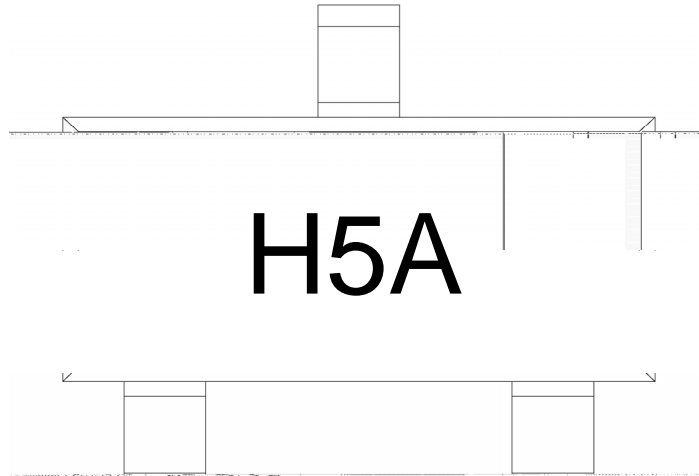
/ Electrical Characteristic Curve



/ Package Dimensions



**/ Marking Instructions**



H

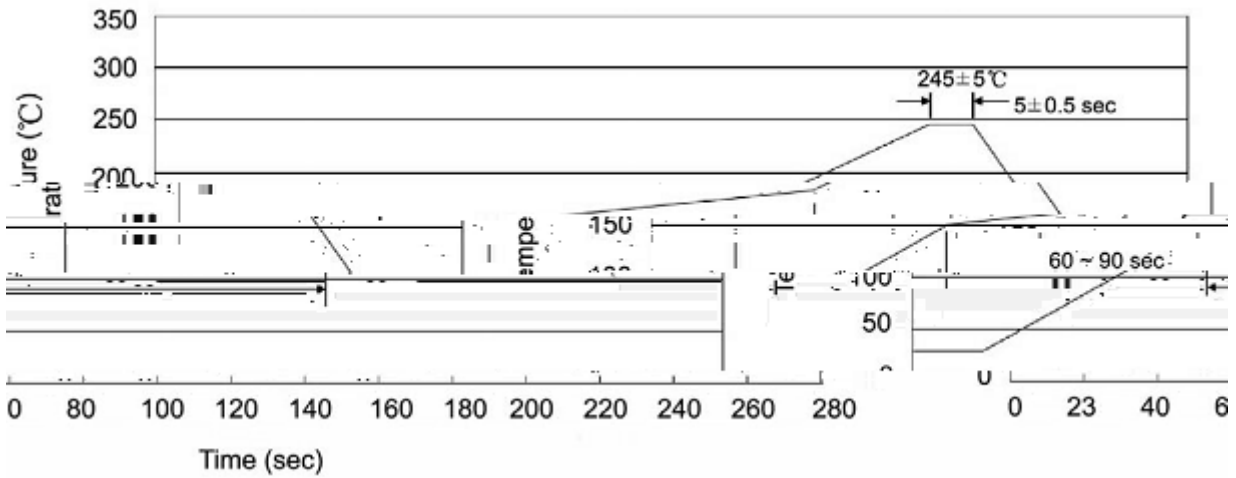
5A

Note:

H: Company Code.

5A: Product Type Code

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



Note:

- |   |       |     |           |          |   |
|---|-------|-----|-----------|----------|---|
| 1 | 25    | 150 | 60        | 90sec;   | 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 /sec. | 3. Cooling Speed: 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 <sup>3</sup> )		
	只卷盘	卷盘盒	只盒	盒箱	只箱	盒	箱	

/ Notices