## / Descriptions

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

## / Features

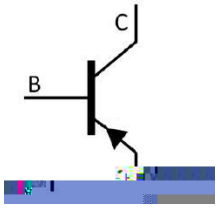
$I_C$ BC817

High $I_C$ ,complementary pair with BC817.

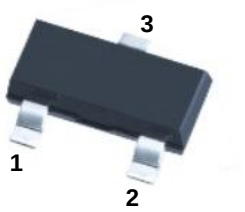
## / Applications

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 |

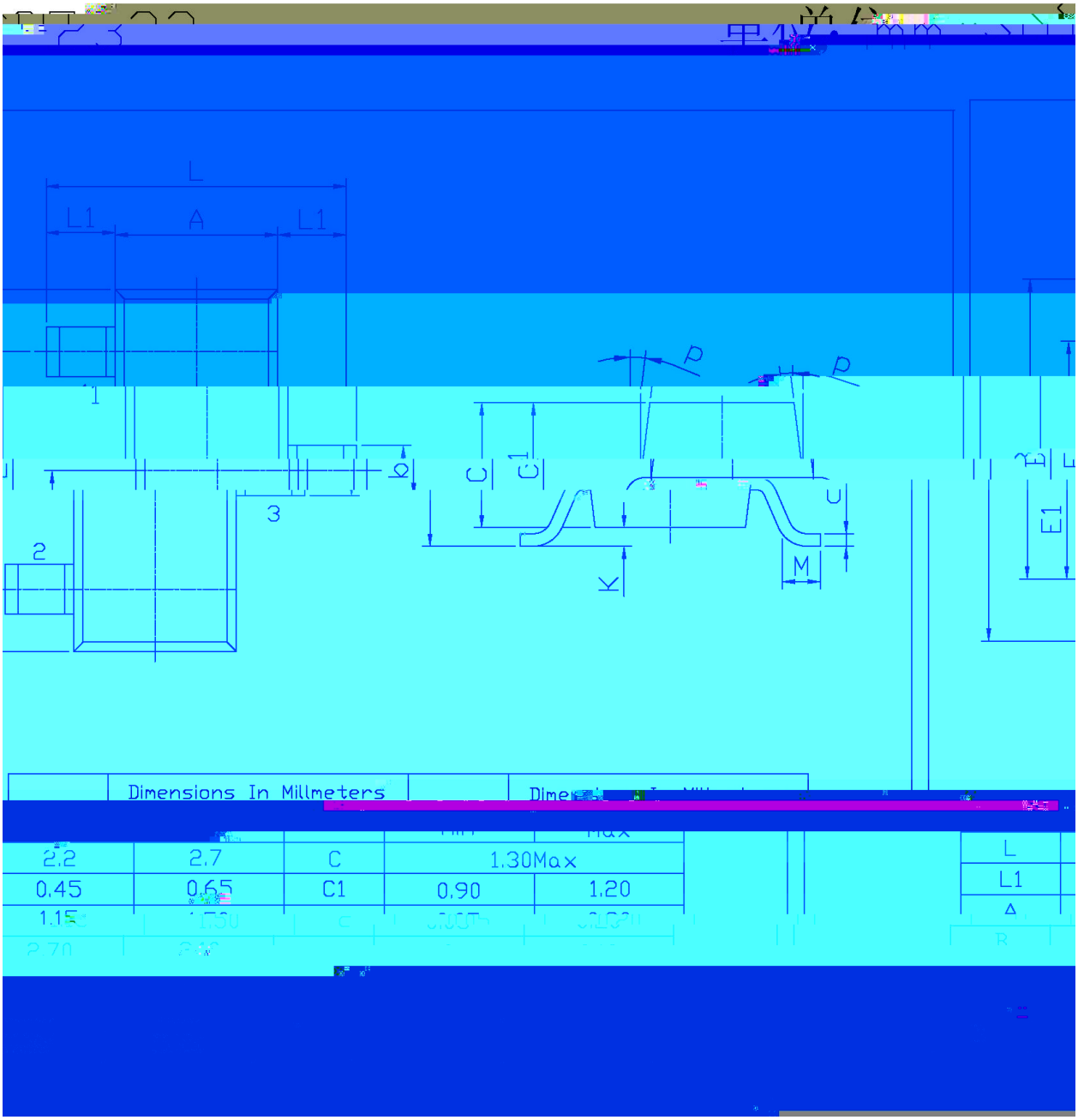
Parameter

## / Electrical Characteristic Curve

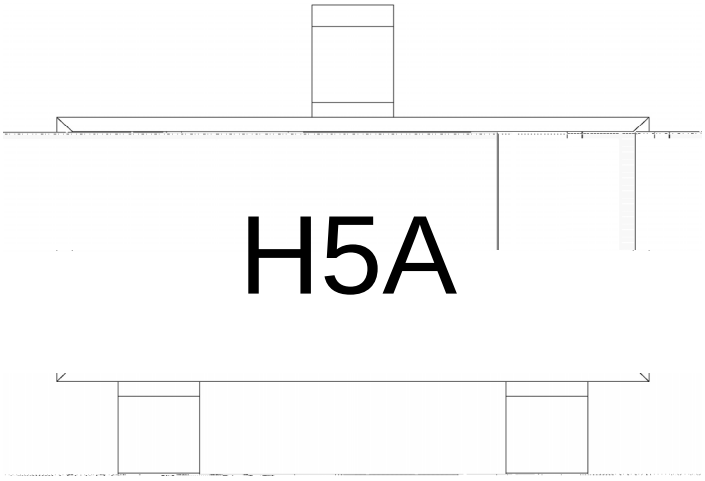





## / Package Dimensions



## / Marking Instructions




H

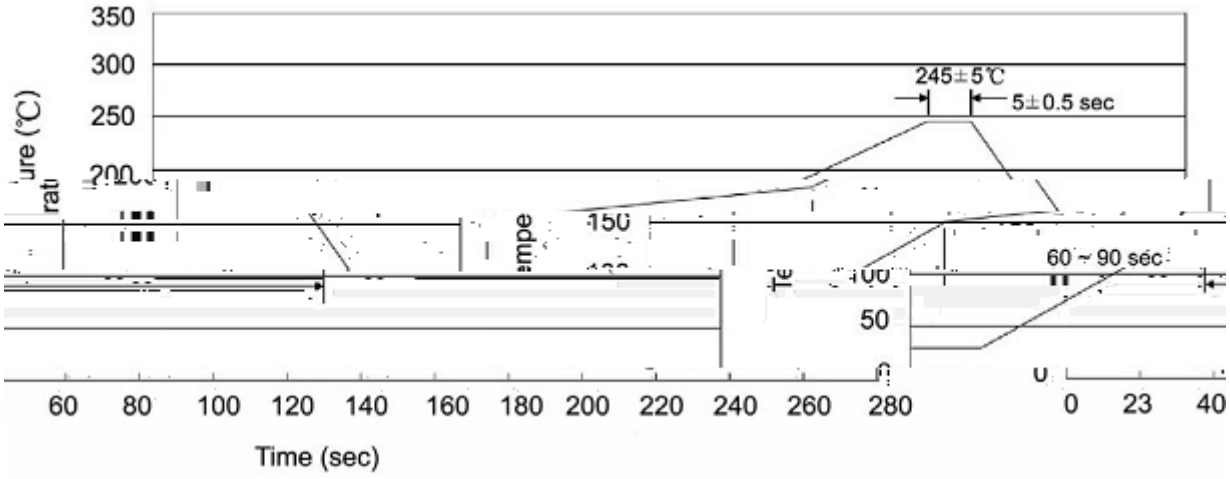
5A

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: $mm^3$) | | |
|---|---|---|---|---|---|---|---|---|
| | 只 卷盘 | 卷盘 盒 | 只 盒 | 盒 箱 | 只 箱 | | 盒 | 箱 |
| | | | | | | | | |

## / Notices