

## / Descriptions

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

## / Features

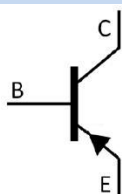
2SC5343S

Low VCE(sat), low output capacitance, complementary pair with 2SC5343S.

## / Applications

General small signal amplifier applications.

## / Equivalent Circuit



## / Pinning



PIN1    Base          PIN 2    Emitter          PIN 3    Collector

/  $h_{FE}$  Classifications & Marking

| $h_{FE}$ Classifications<br>Symbol | O         | Y          | G          | L          |
|------------------------------------|-----------|------------|------------|------------|
| $h_{FE}$ Range                     | 70    140 | 120    240 | 200    400 | 300    700 |
| Marking                            | HCAO      | HCAY       | HCAG       | HCAL       |

| Parameter                    | Symbol    | Rating  | Unit |
|------------------------------|-----------|---------|------|
| Collector to Base Voltage    | $V_{CBO}$ | -50     | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | -50     | V    |
| Emitter to Base Voltage      | $V_{EBO}$ | -5.0    | V    |
| Collector Current            | $I_C$     | -150    | mA   |
| Collector Power Dissipation  | $P_C$     | 200     | mW   |
| Junction Temperature         | $T_j$     | 150     | °C   |
| Storage Temperature Range    | $T_{stg}$ | -55 150 | °C   |

Parameter

Symbol

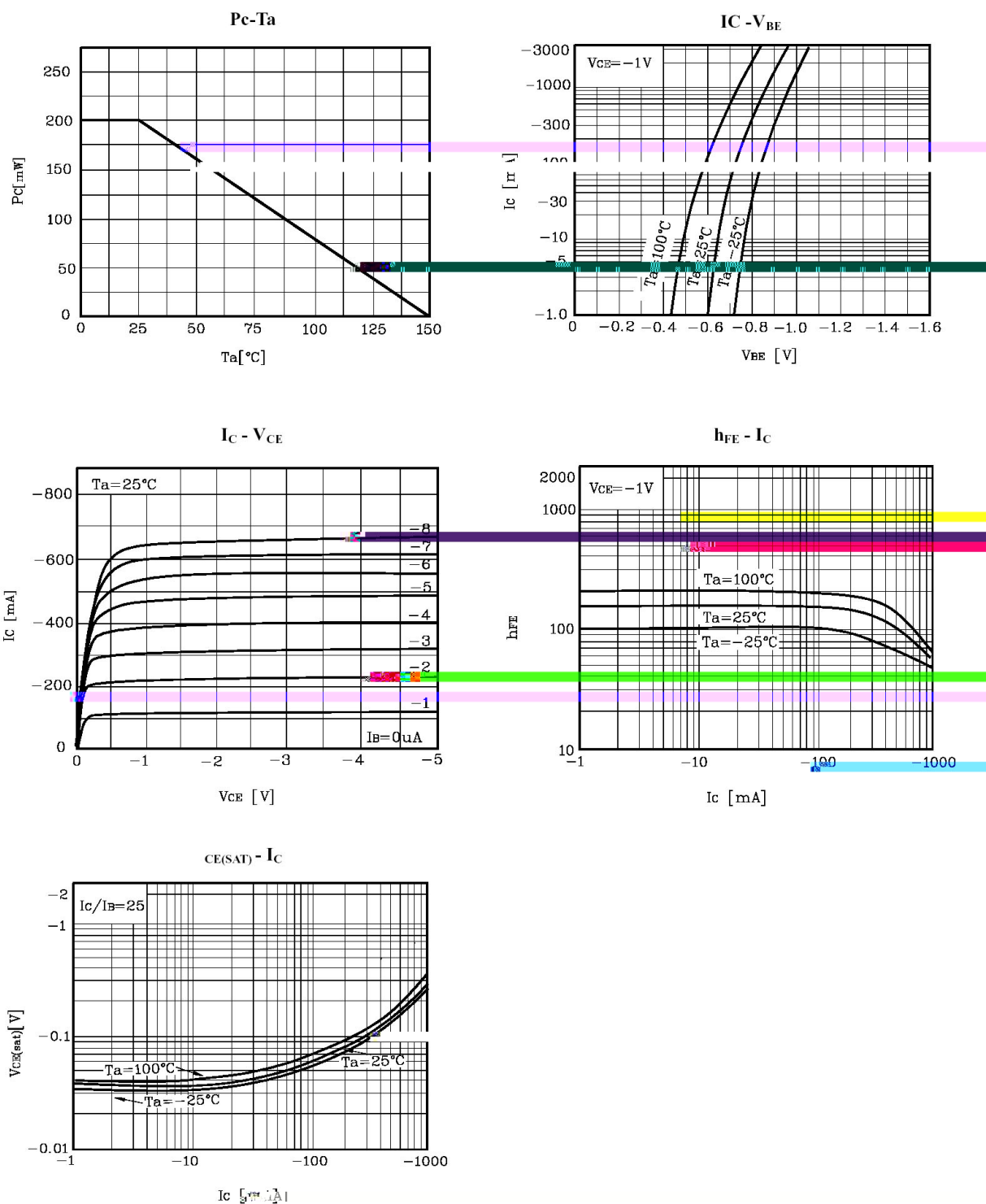
Test Conditions

Min6 TD0 Tc0985353 48045e7j/TT4 1

35a



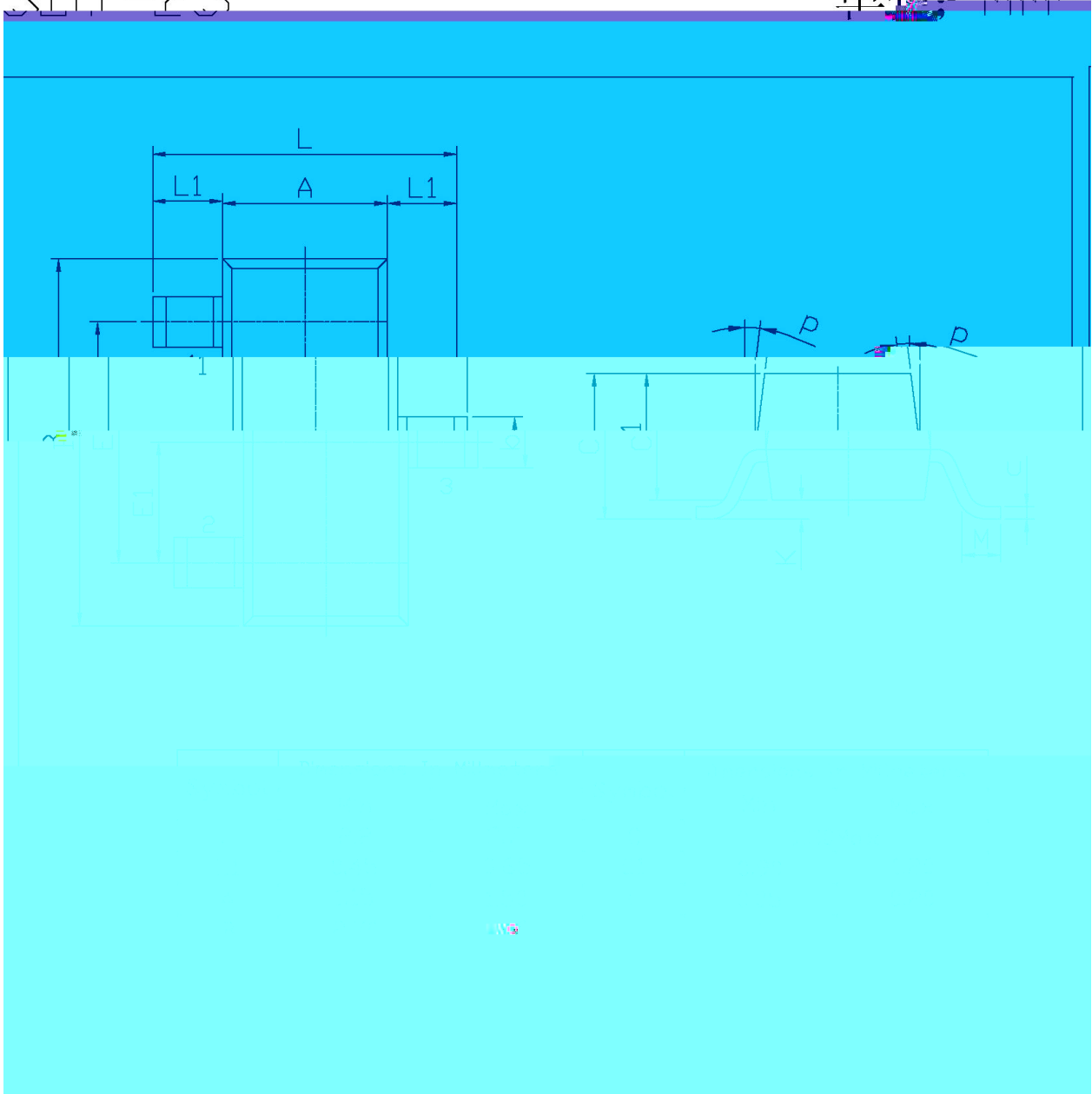
/ Electrical Characteristic Curve



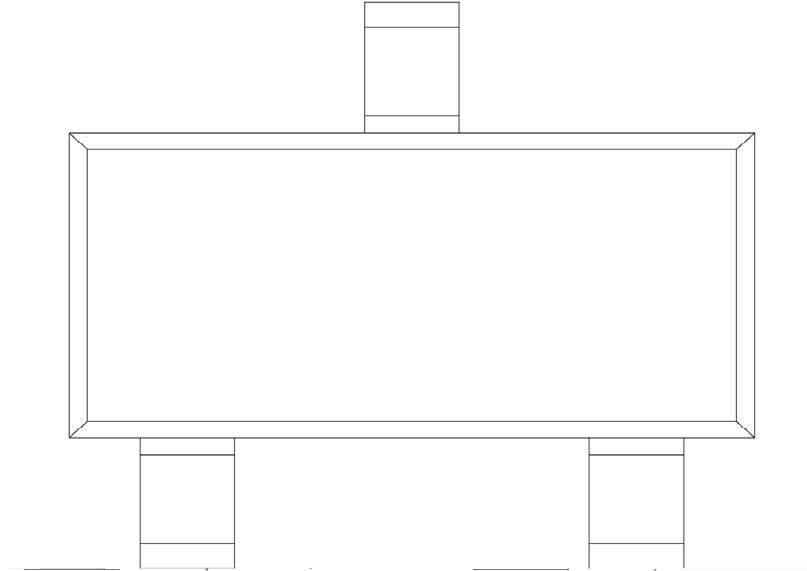
/ Package Dimensions

SOT-23

单位: mm



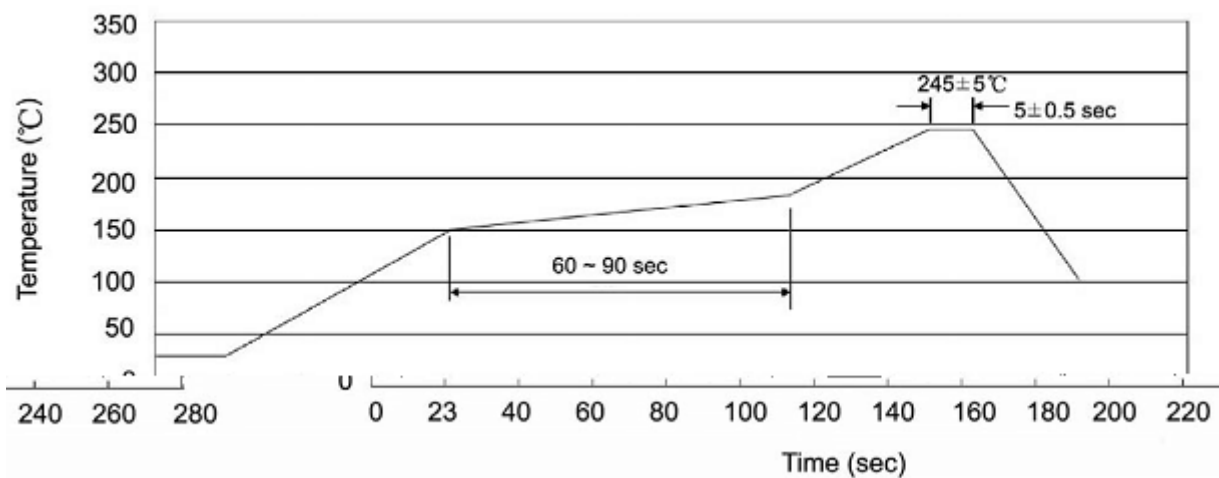
/ Marking Instructions



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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

Units 包装数量

Dimension 包装尺寸 (unit: mm)