

“Y / Descriptions

Silicon NPN transistor in a SOT-89 Plastic Package.

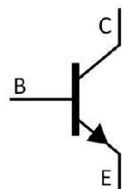
• È / Features

Complementary pair with KSA928T.

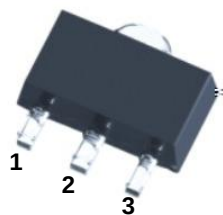
v / Applications

Audio frequency amplifier applications.

∏ ã ß / Equivalent Circuit



ã / ũ / Pinning



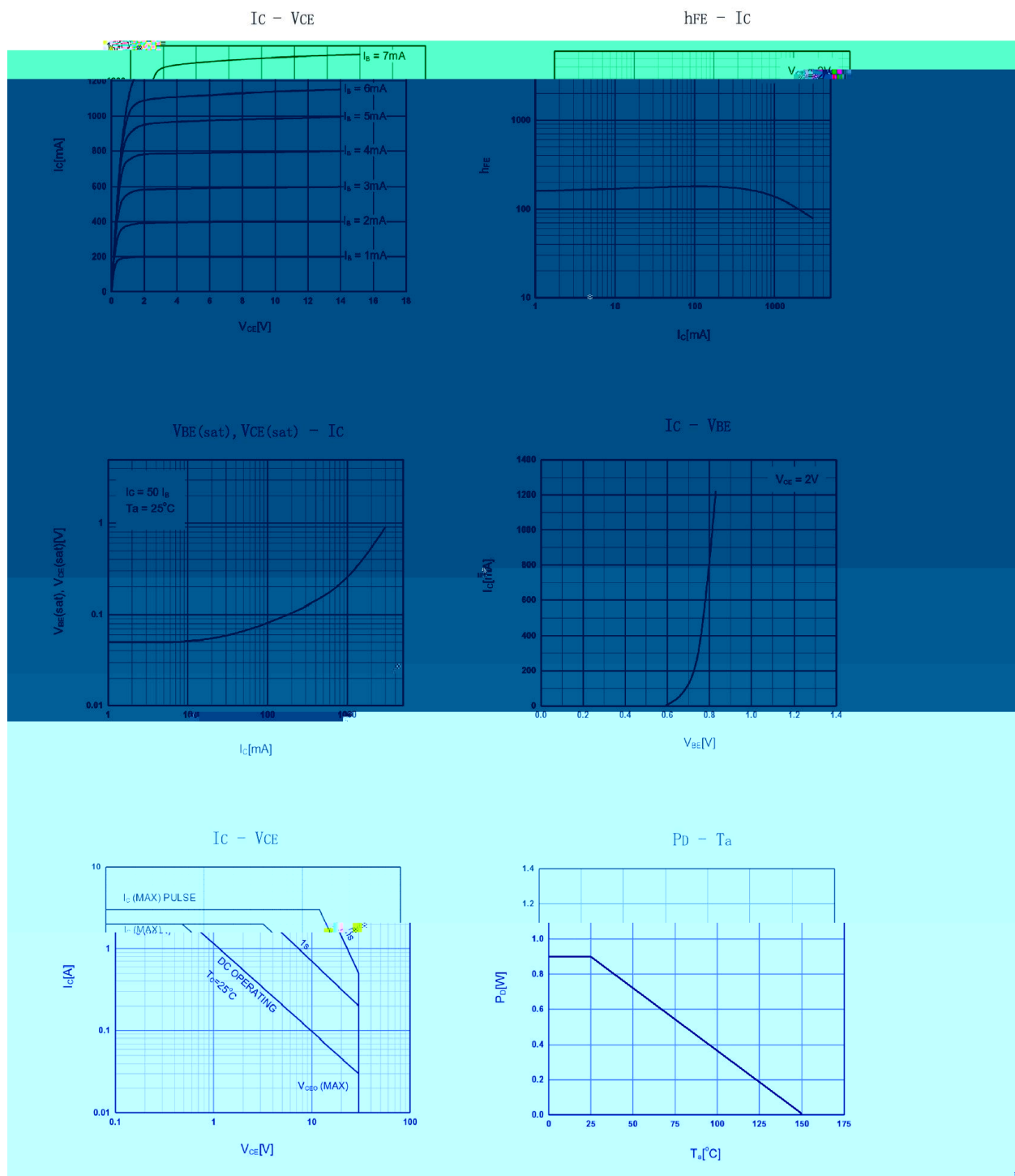
PIN1 Base PIN 2 Collector PIN 3 Emitter

£. H Ñ / Marking

h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100-200	160-320
Marking	H1O	H1Y

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	30	V
Collector to Emitter Voltage	V_{CEO}	30	V
Emitter to Base Voltage	V		

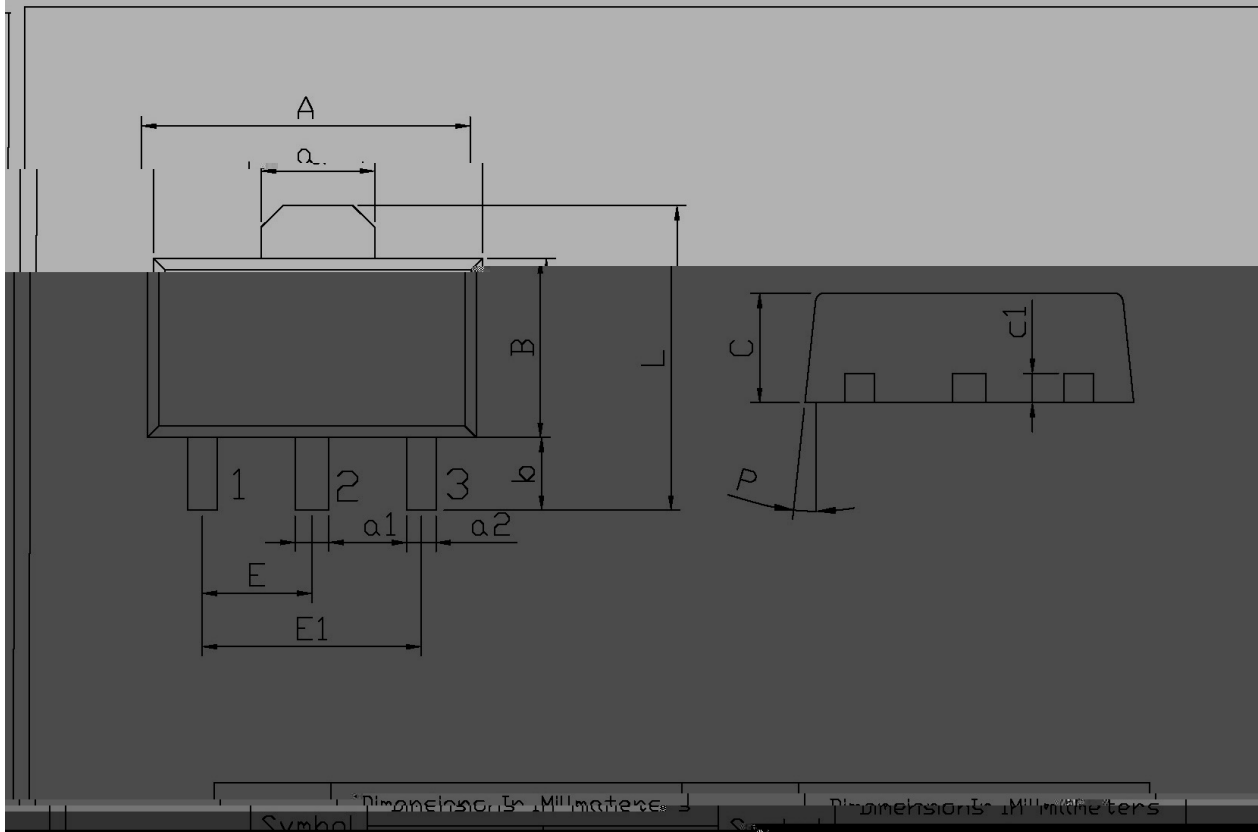
Electrical Characteristic Curve



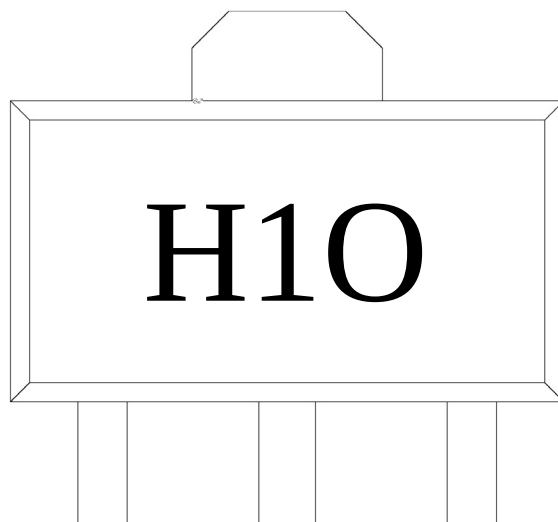
⊂ É Ò Ì ¢ / Package Dimensions

SOT-89

单位: mm



1. 标记 / Marking Instructions



H

1

O: h_{FE}

Note:

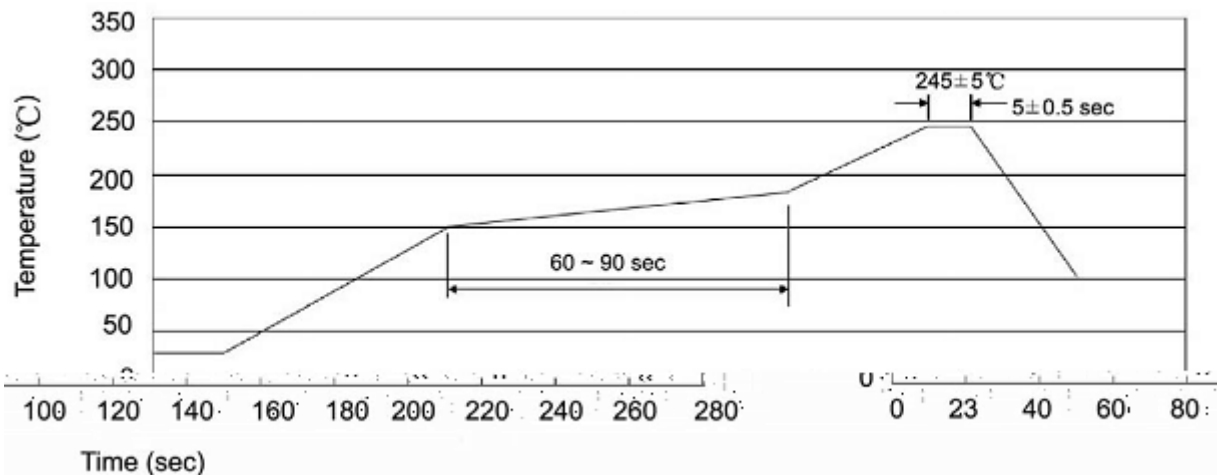
H: Company Code.

1: Product Type.

O: h_{FE} Classifications Symbol

** : Lot No. Code, code change with Lot No.

温度曲线 / Whp shudwxuh Suriloh i ru LU Uhior z Vroghulqj+Se0l uhh,



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. |

4 温度 / Resistance to Soldering Heat Test Conditions

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

5 包装 / 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-89	1,000	7	7,000	8	56,000	7" x12	180×120×180	385×257×392

6 注意事项 / Notices