

/ Descriptions

Silicon NPN transistor in a SOT-89 Plastic Package.

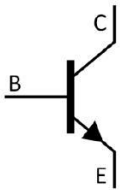
/ Features

High h_{FE} , for out stage of 1 watts amplifier, complementary to 2SA1204.

/ Applications

Audio frequency amplifier applications

/ Equivalent Circuit



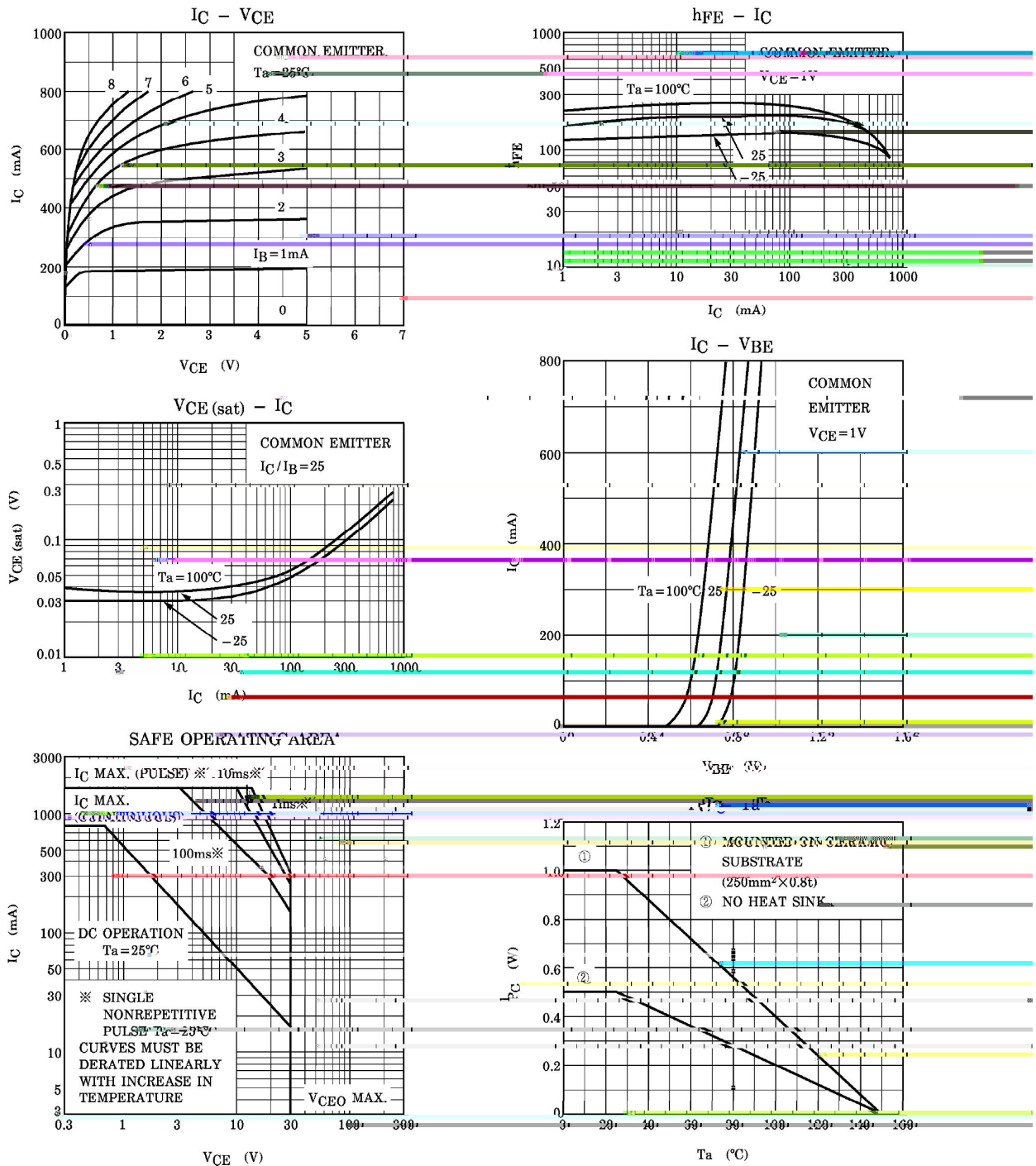
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ Marking

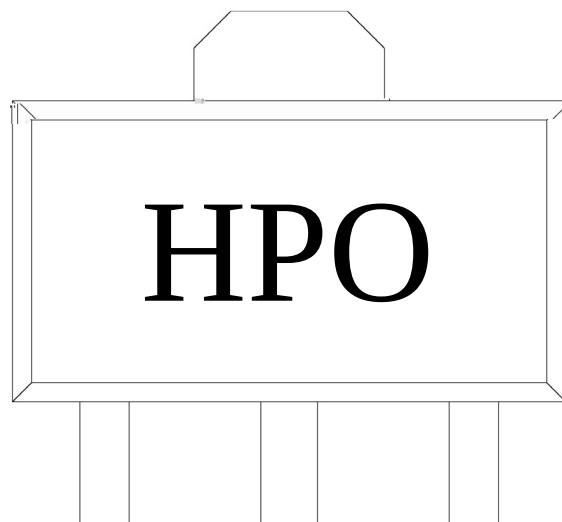
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100 200	160 320
Marking	HPO * *	HPY

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	35	V
Collector to Emitter Voltage	V_{CEO}	30	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current-Continuous	I_C	800	mA

/ Electrical Characteristic Curve



/ Marking Instructions



H

P

O

h_{FE}

Note:

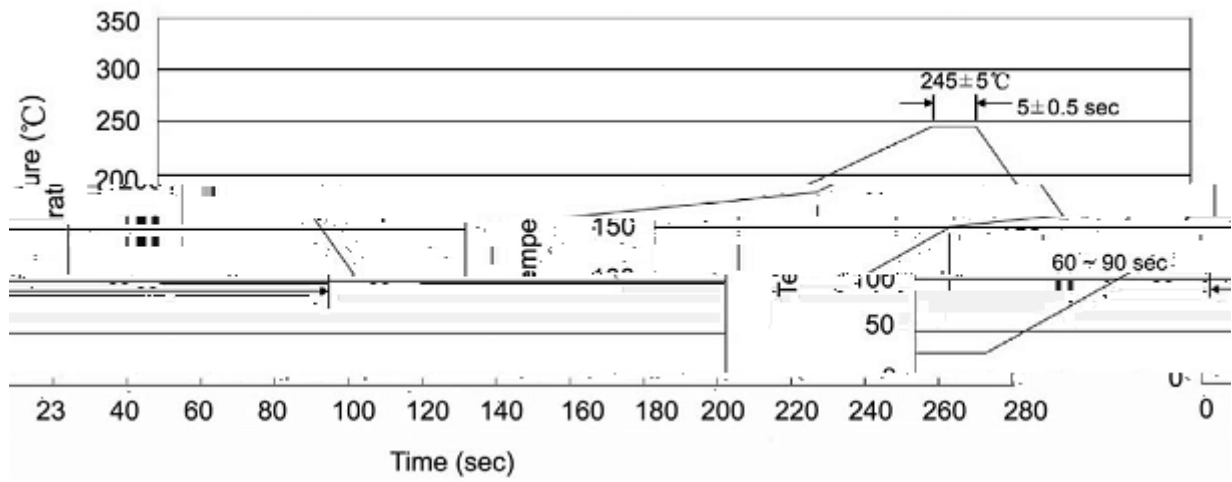
H: Company Code.

P: Product Type.

O h_{FE} Classifications Symbol

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

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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

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 ×12	180×120×180	385×257×392