2SC2884

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

"Yت / Descriptions

SOT-89 NPN Silicon NPN transistor in a SOT-89 Plastic Package.

◕ È / Features

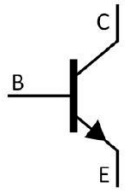
h_{FE},, 1W , 2SA1204

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

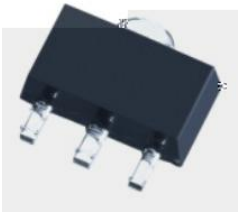
٧ ِ / Applications

Audio frequency amplifier applications

Л ف ً ڤ ≠ ع / Equivalent Circuit



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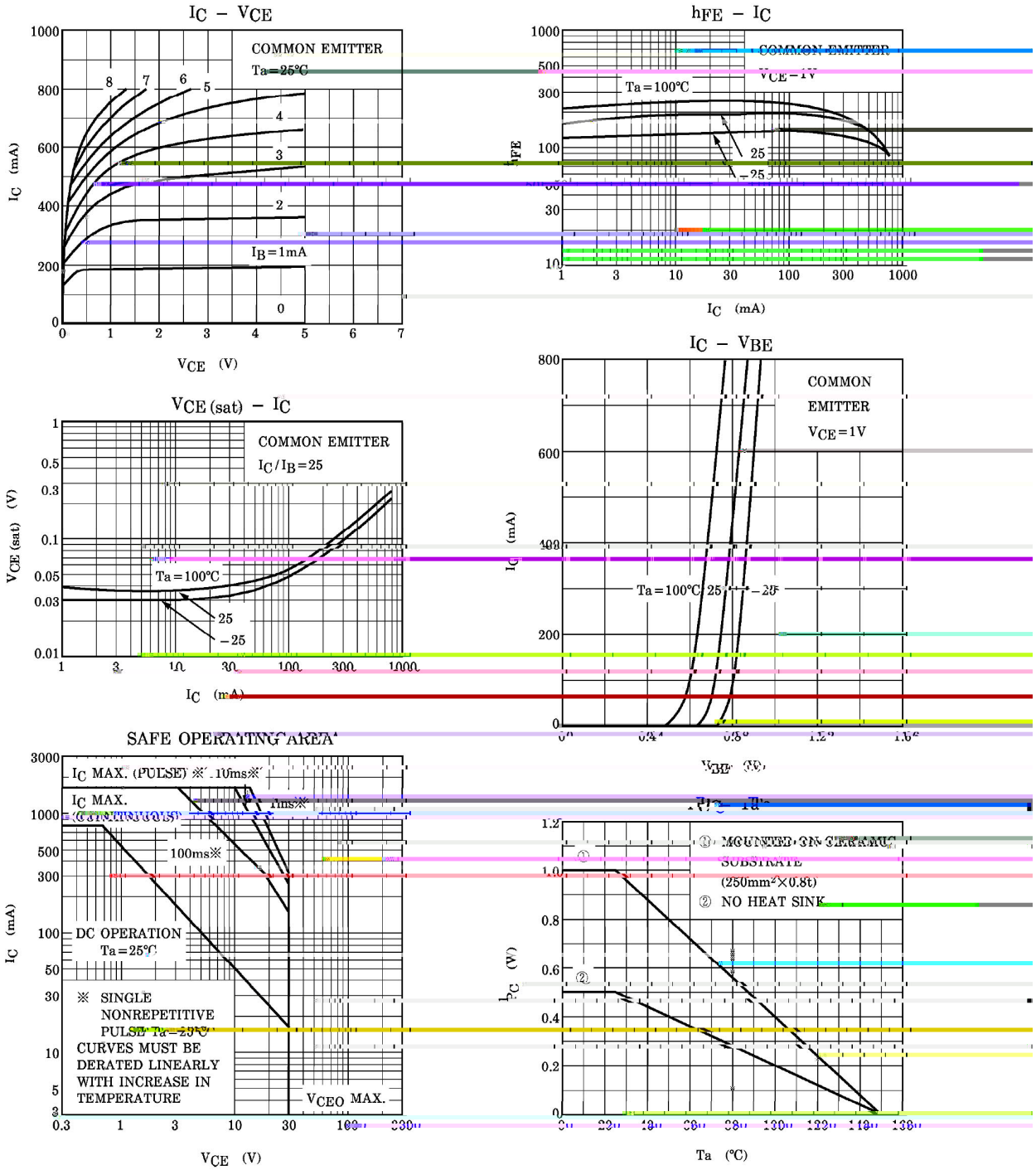
PIN1 Base PIN 2 Collector PIN 3 Emitter

ﻁ . ʜ ڍ / Marking

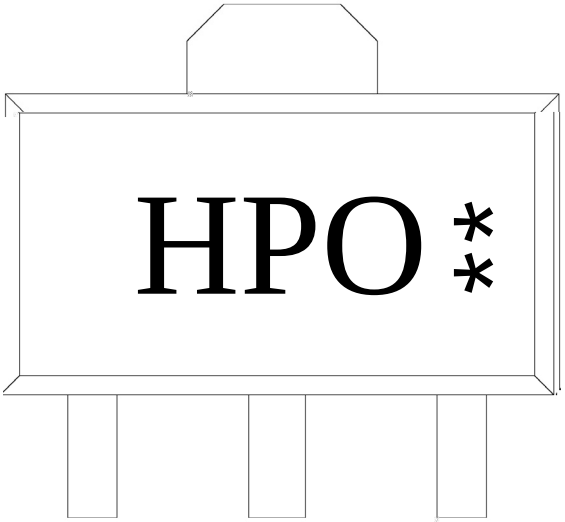
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100 200	160 320
Marking	HPO ⁑	HPY

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

≠ Ǝ ̃Ạ ́E ᛋ ƒ / Electrical Characteristic Curve



ł. Ł'Ω / Marking Instructions



H

P

O h_{FE}

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Note:

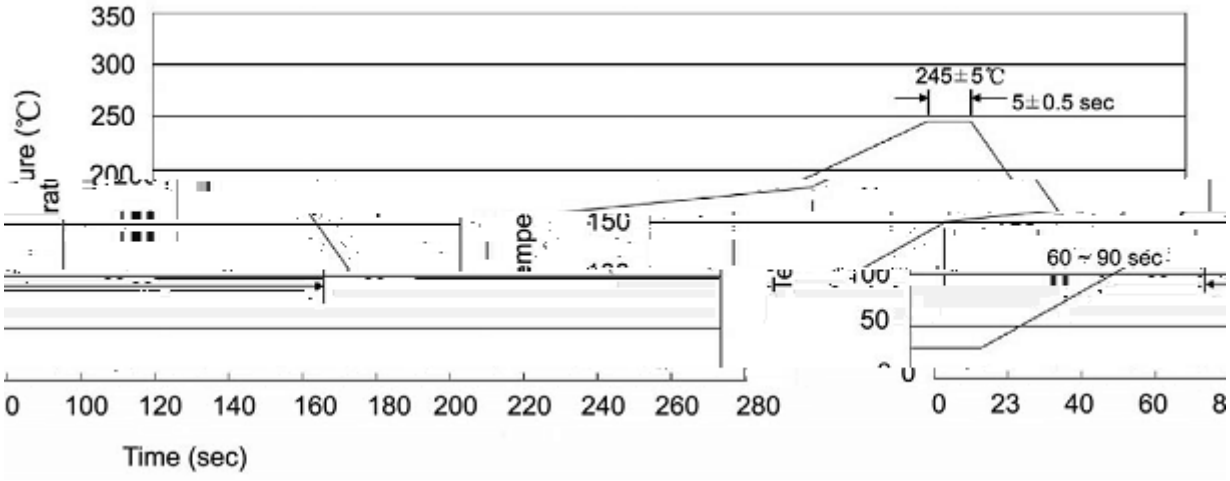
H: Company Code.

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.

ⅎ ü q ‗ `Y Ţ / Resistance to Soldering Heat Test Conditions

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

ɒ Ŀ ≤ — / 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