2SB1189

Rev.E Mar.-2016

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

"Yت / Descriptions

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

◕È / Features

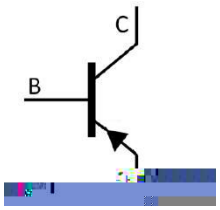
, 2SD1767

Low $V_{CE(sat)}$,complements the 2SD1767.

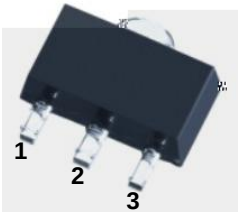
٭ ڕ / Applications

Medium power amplifier applications.

ภف ˆ ˜ ≠ ع / Equivalent Circuit



ã ﻻ ٪ / Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

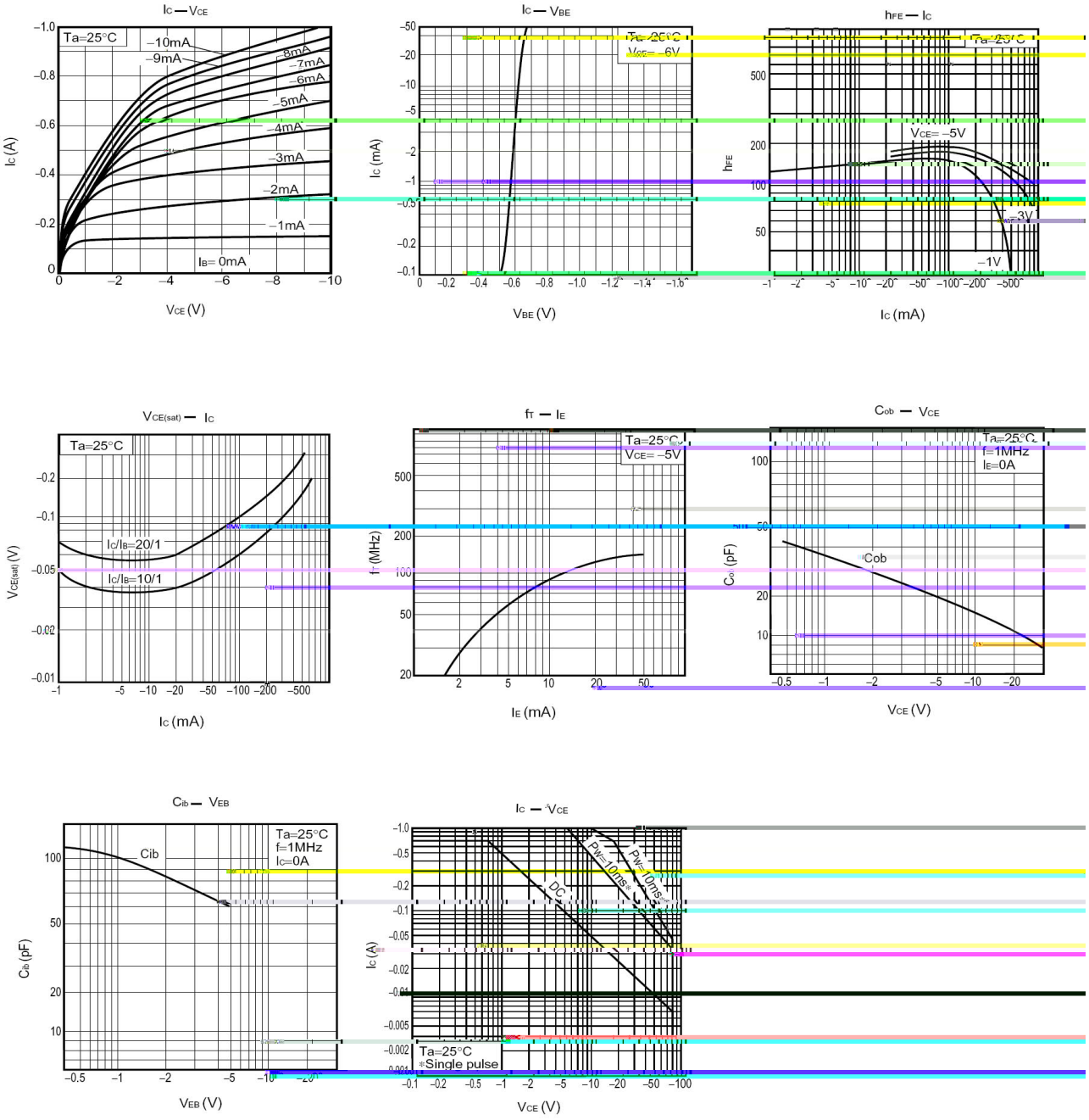
ł. ʜ ב / Marking

h_{FE} Classifications Symbol	P	Q	R
h_{FE} Range	82 180	120 270	180 390
Marking	HBDP⁑	HBDQ⁑	HBDR⁑

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-80	V

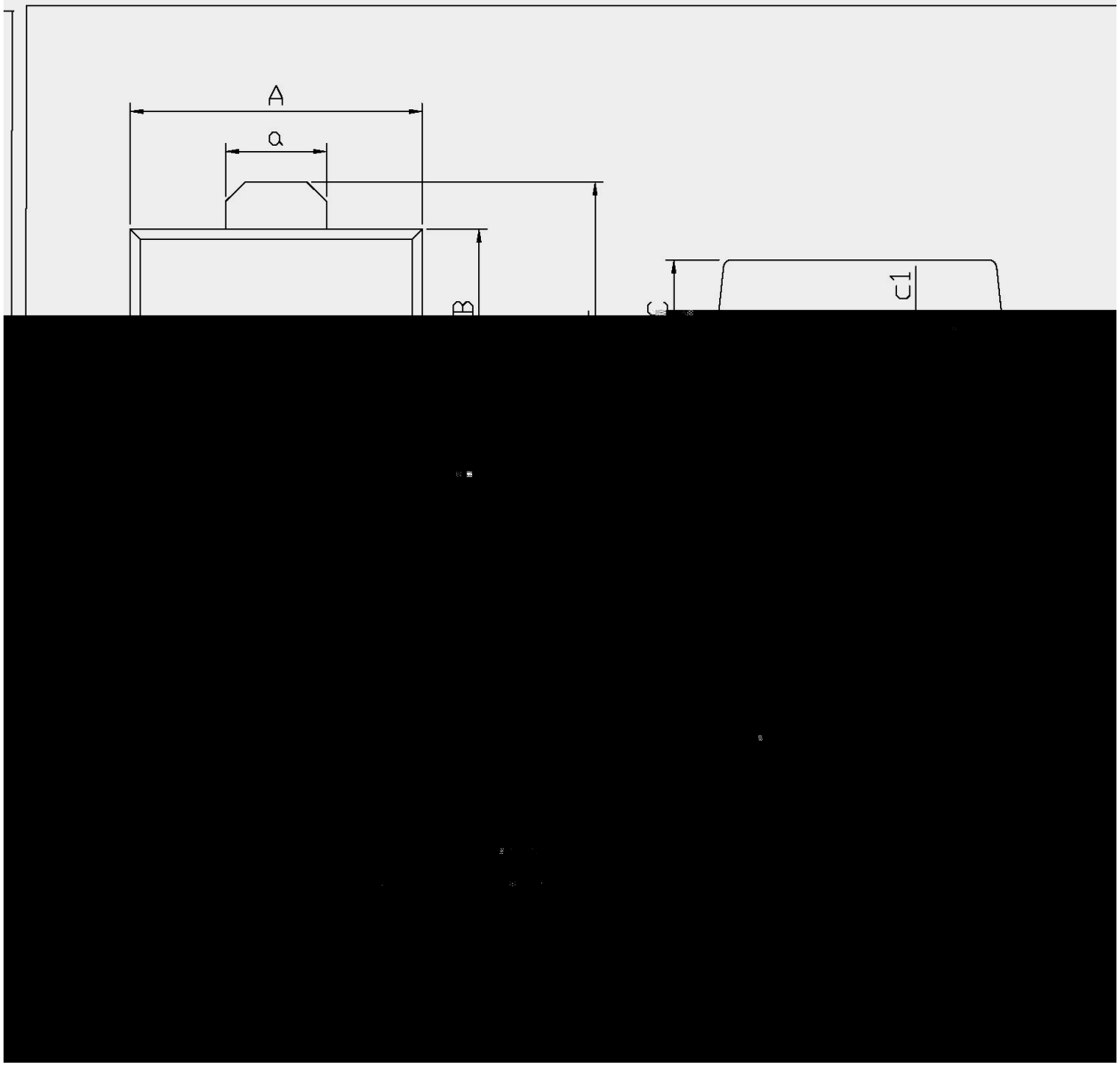
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≠ Ǝ ˜Ą´E ˬ ƒ / Electrical Characteristic Curve

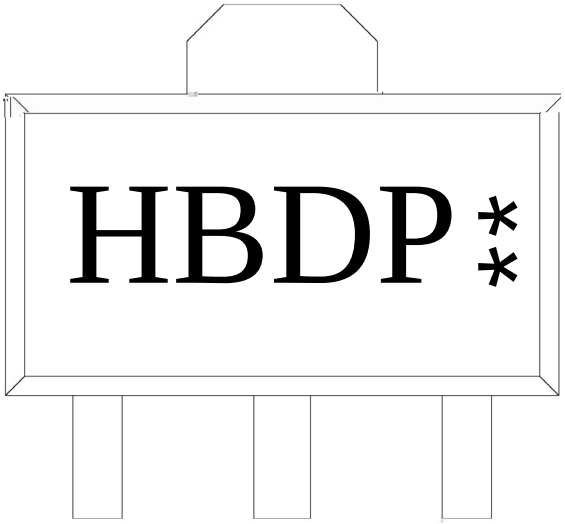


ᵘ ĖÒĻ ʃ / Package Dimensions

SOT-89 单位：mm



ł. Ļ'Ω / Marking Instructions



H

BD

P h_{FE}

**

Note:

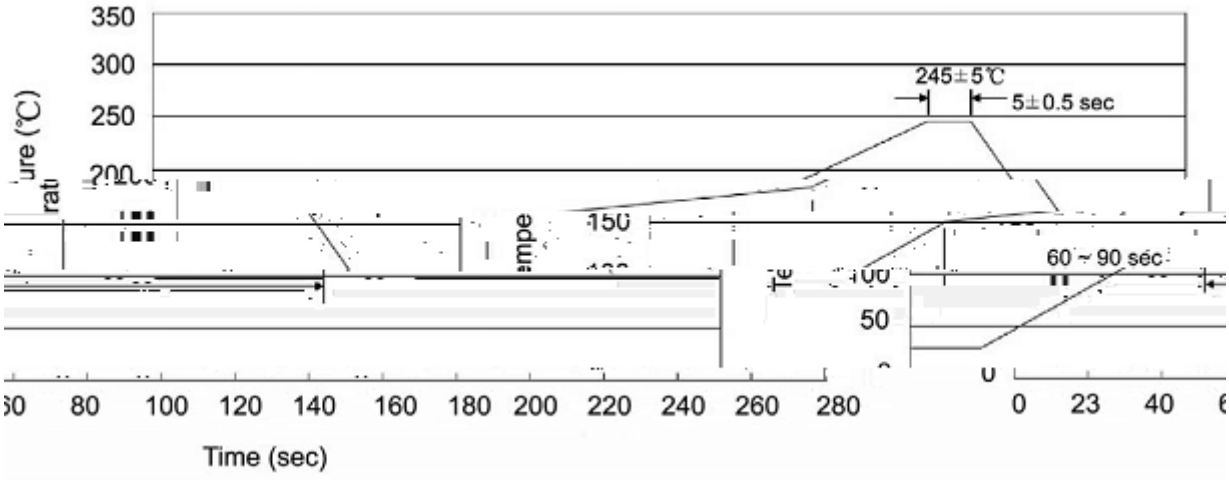
H: Company Code.

BD: Product Type.

P 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

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