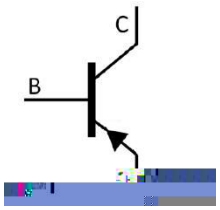
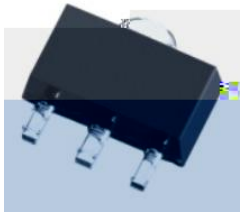
SOT-89 PNP Silicon PNP transistor in a SOT-89 Plastic Package.

Large collector power dissipation P_C, Mini Power type package.

For low-frequency output amplification.

Equivalent Circuit





PIN1 Base PIN 2 Collector PIN 3 Emitter

Marking

h_{FE} Classifications Symbol	Q	R	S
h_{FE} Range	85 170	120 240	170 340
Marking	BQH	BRH	BSH

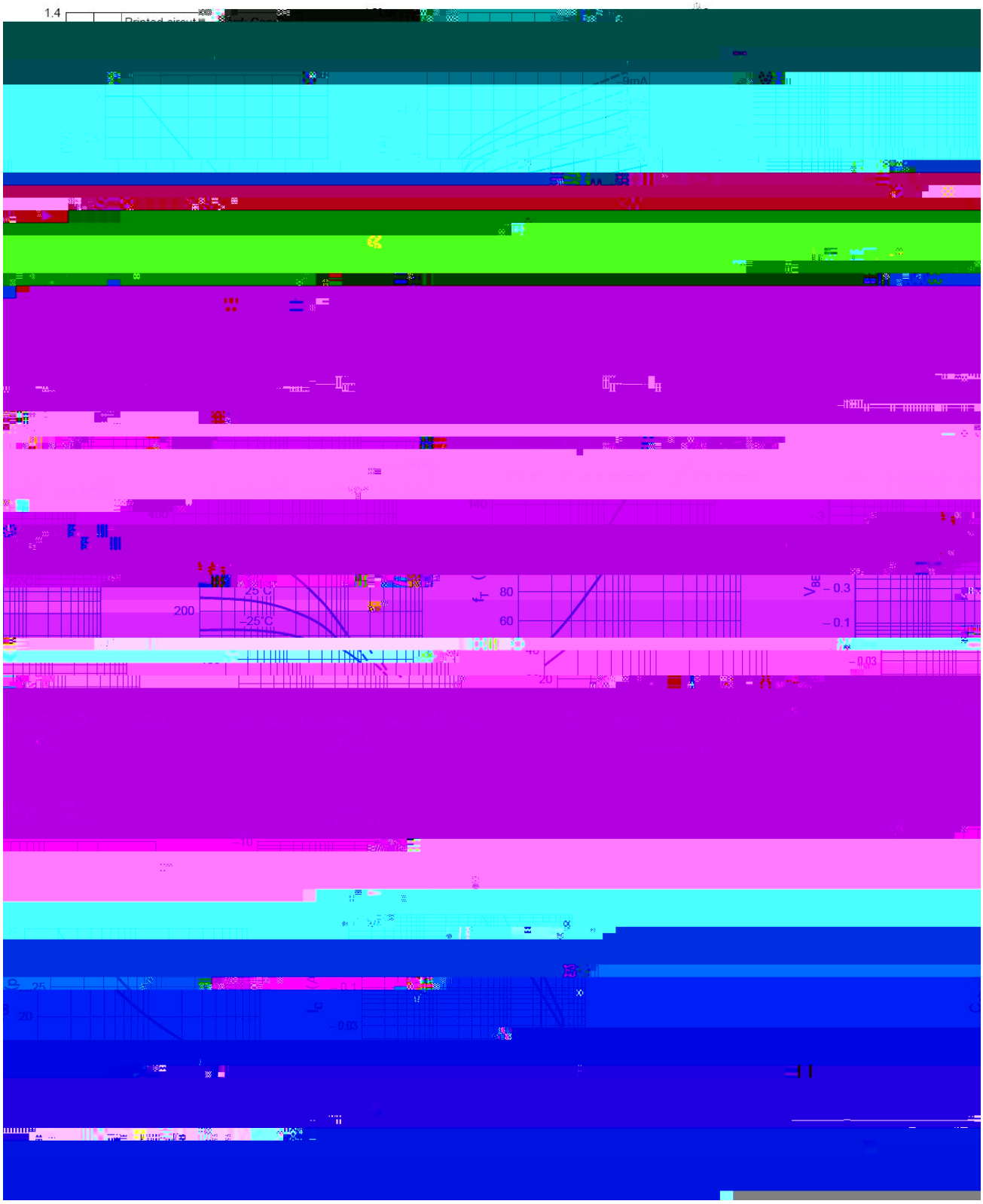
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V

≠ Ǝ ˜Ạ´E ∨ ƒ / Electrical Characteristic Curve

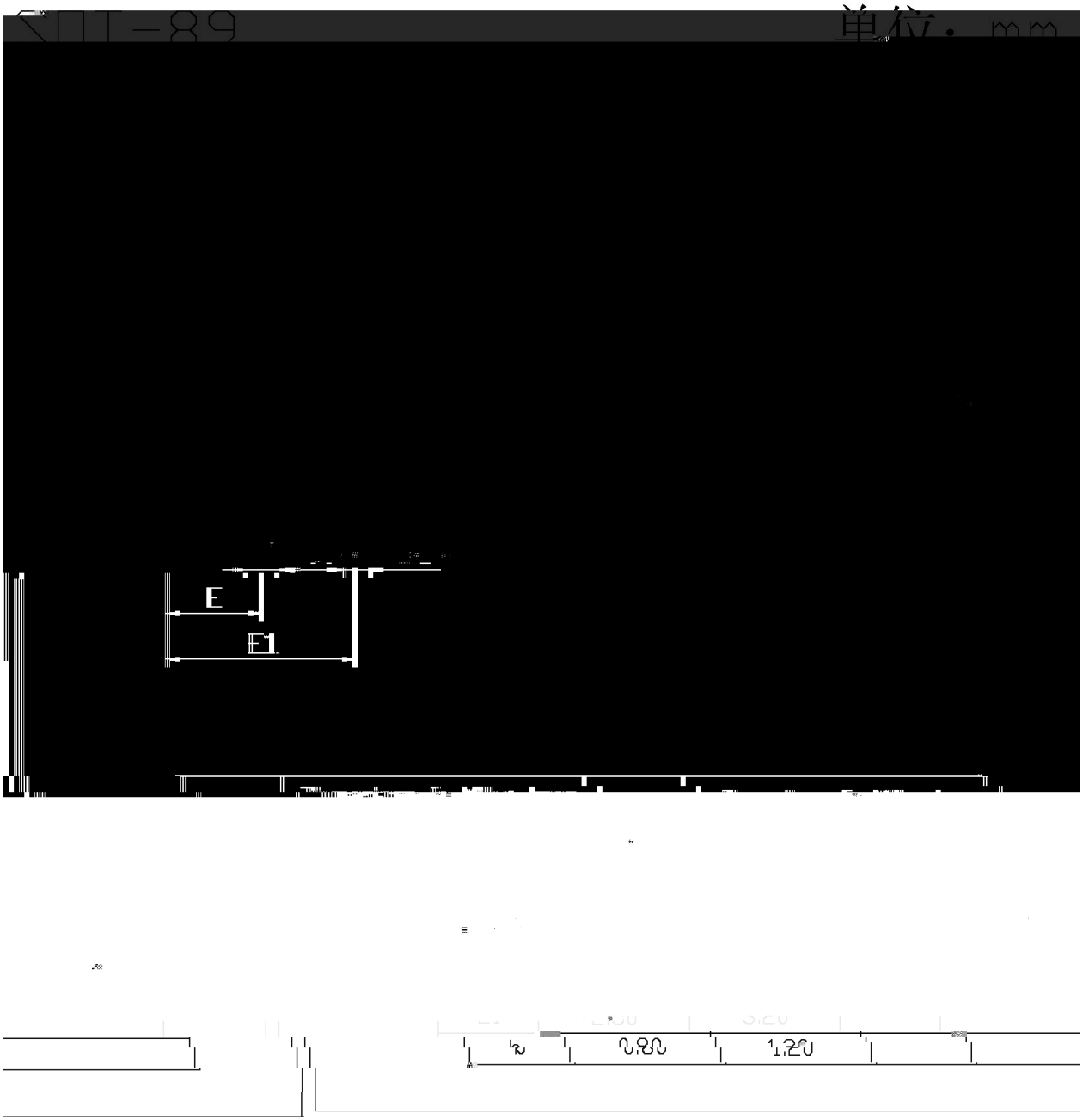
P_C — Ta

I_C — V_{CE}

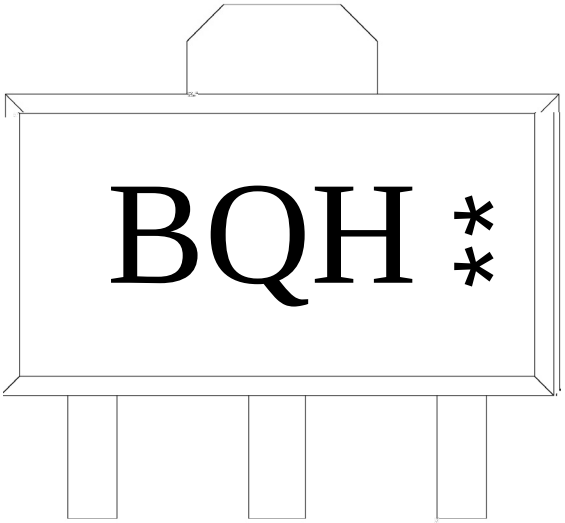
$V_{CE(sat)}$ — I_C



ᵘ Ė Ò Ļ ʃ / Package Dimensions



ł. Ł'Ω / Marking Instructions



B

Q: h_{FE}

H

**

Note:

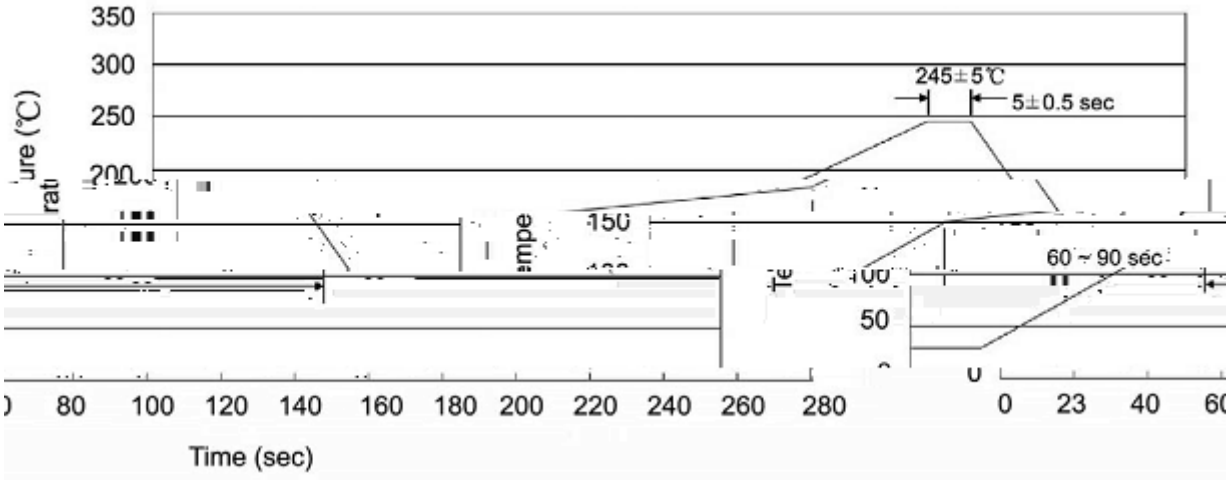
B: Product Type.

Q: h_{FE} Classifications Symbol

H: Company Code.

**: 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	Units					Dimension		(unit mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOT-89	1,000	7	7,000	8	56,000	7 ×12	180×120×180	385×257×392

ä ⅴ ŗ Ω / Notices