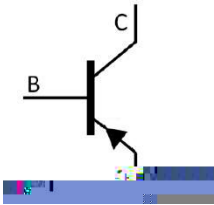


Silicon PNP transistor in a SOT-89 Plastic Package.

Large collector power dissipation  $P_C$ , Mini Power type package.

For low-frequency output amplification.

**/ Equivalent Circuit**



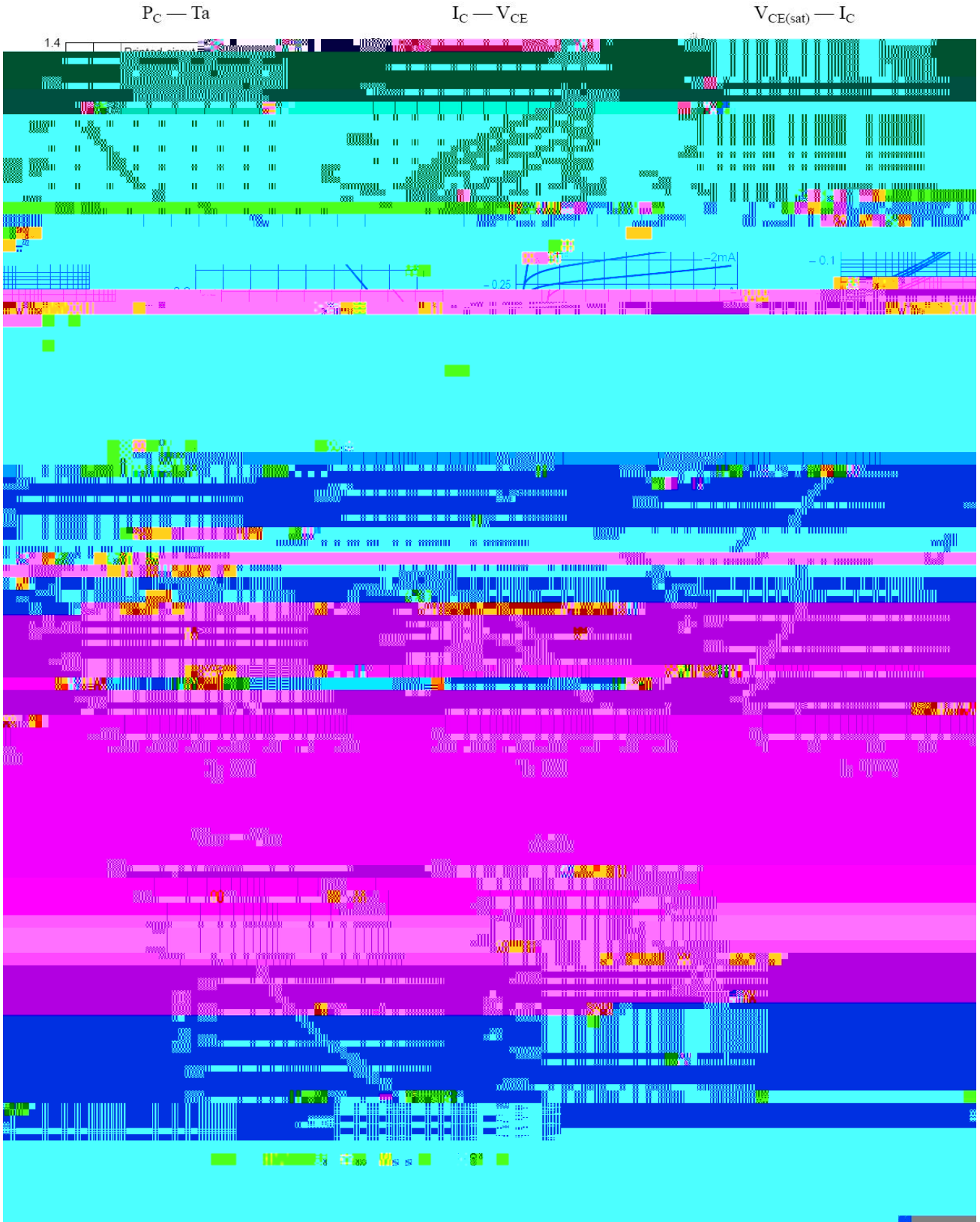
PIN1 Base      PIN 2 Collector      PIN 3 Emitter

**/ Marking**

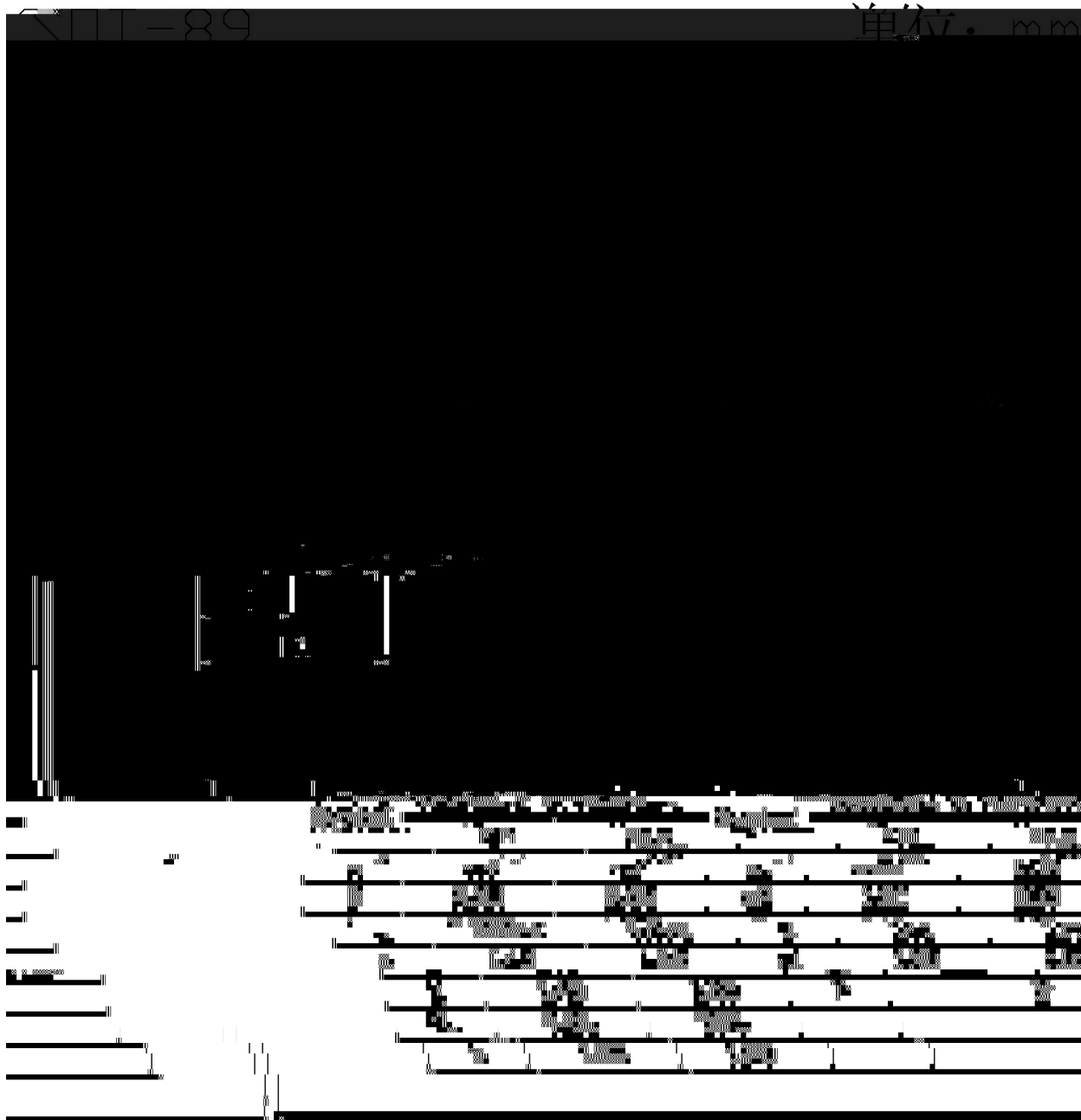
$h_{FE}$ Classifications Symbol	Q	R	S
$h_{FE}$ Range	85 170	120 240	170 340
Marking	BQH	BRH	BSH

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

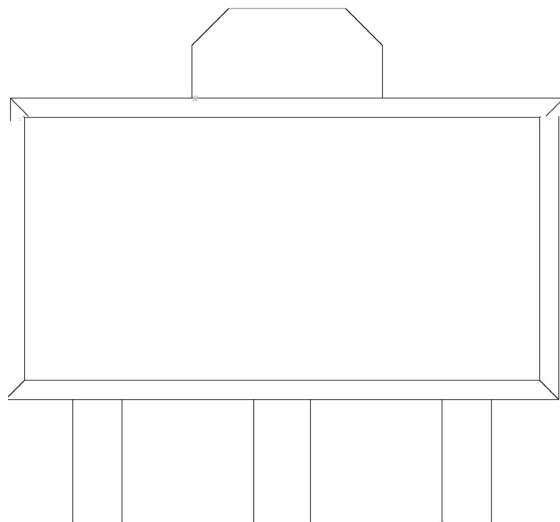
/ Electrical Characteristic Curve



/ Package Dimensions



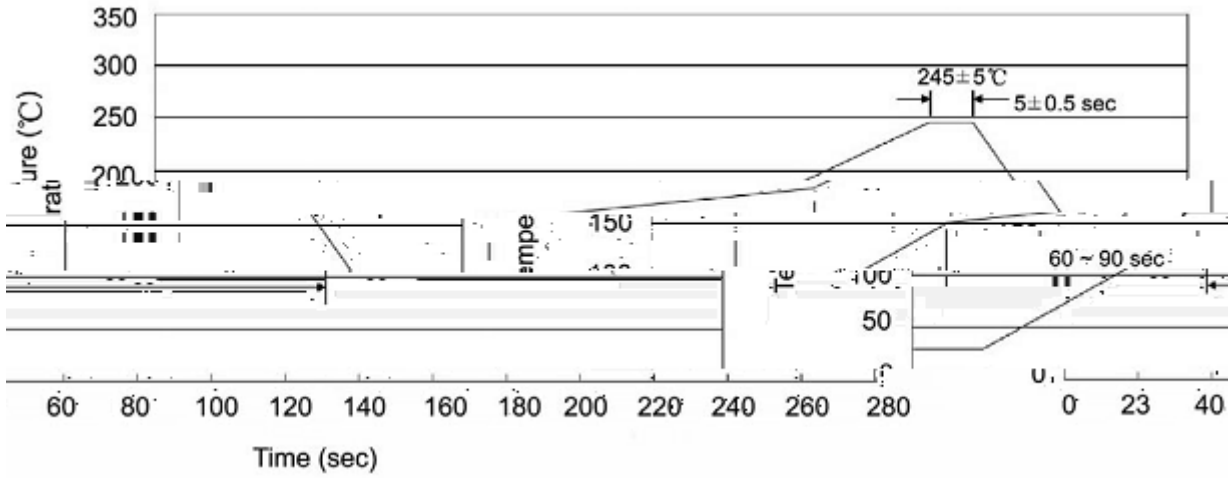
/ Marking Instructions



Note:

- B: Product Type.
- Q:  $h_{FE}$  Classifications Symbol
- H: Company Code.
- \*\* : Lot No. Code, code change with Lot No.

( ) / K\d g\iXk i\`Gif]`d`]fi @ `l \]f n`Jf d` \i e`^ZGY\$=i\`z



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	Units					Dimension (unit mm <sup>3</sup> )		
	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

/ Notices