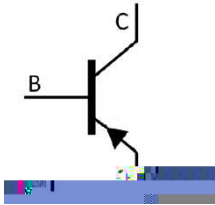


SOT-89                  PNP                  Silicon PNP transistor in a SOT-89 Plastic Package.

Complementary pair with 2SC2881  
High  $f_T$ , high  $V_{CEO}$ , small flat package, complementary pair with 2SC2881.

Power amplifier applications.



| Parameter                    | Symbol    | Rating | Unit |
|------------------------------|-----------|--------|------|
| Collector to Base Voltage    | $V_{CBO}$ | -120   | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | -120   | V    |
| Emitter to Base Voltage      | $V_{EBO}$ | -5.0   | V    |
| Collector Current-Continuous | $I_C$     | -800   | mA   |
| Collector Base-Continuous    | $I_B$     | -160   | mA   |
| Collector Power Dissipation  | $P_C$     | 500    | mW   |
| Collector Power Dissipation* | $*P_C$    | 1.0    | W    |
| Junction Temperature         | $T_j$     | 150    |      |

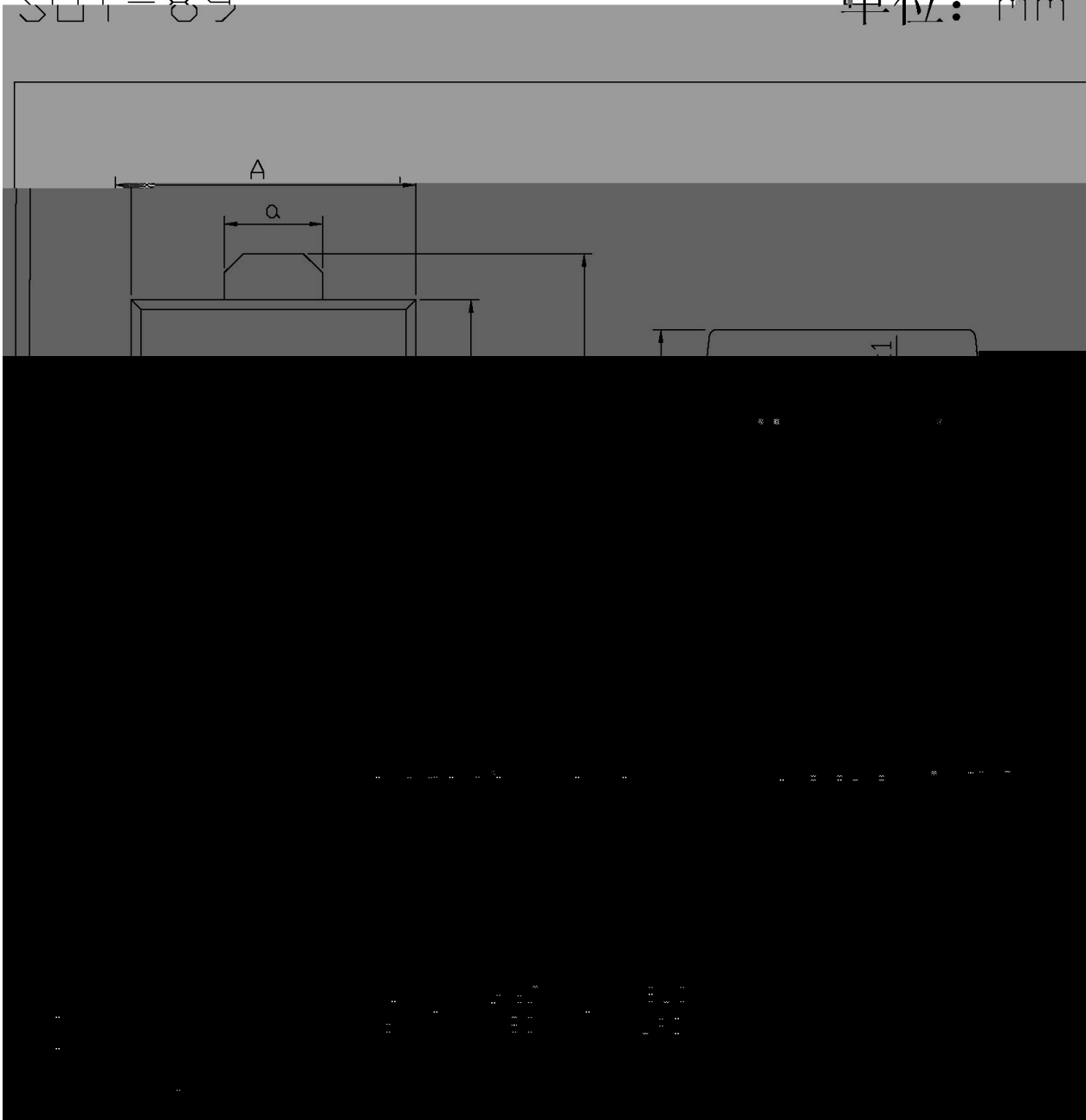
电气特性 / Electrical Characteristic Curve



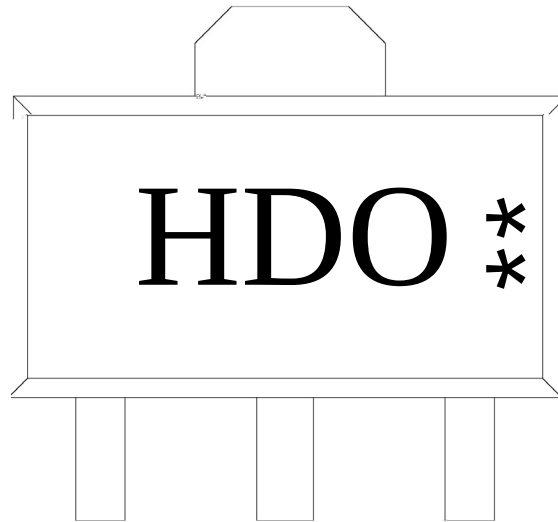
⌘ È Ò Ì ¢ / Package Dimensions

SOT-89

单位: ₭ ¯ ¯ ¯



1. 1.1 / Marking Instructions



H

D

O

$h_{FE}$

\*\*

Note:

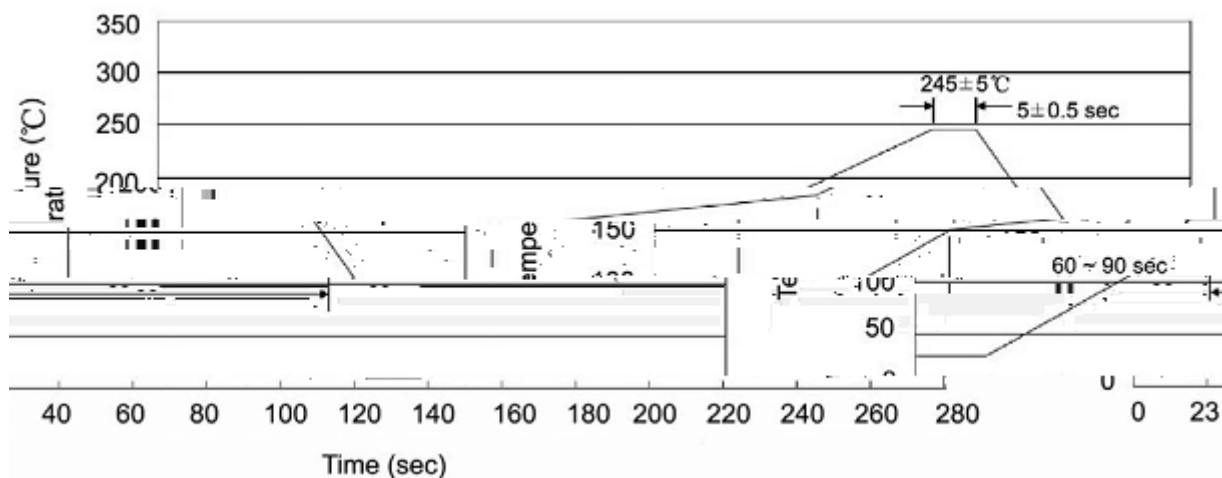
H: Company Code.

D: Product Type.

O:  $h_{FE}$  Classifications Symbol

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

Whp shudwxuh Suriloh i ru LU Uhior z Vroghulqj+Se0l uhh,



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 |