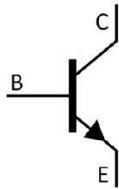




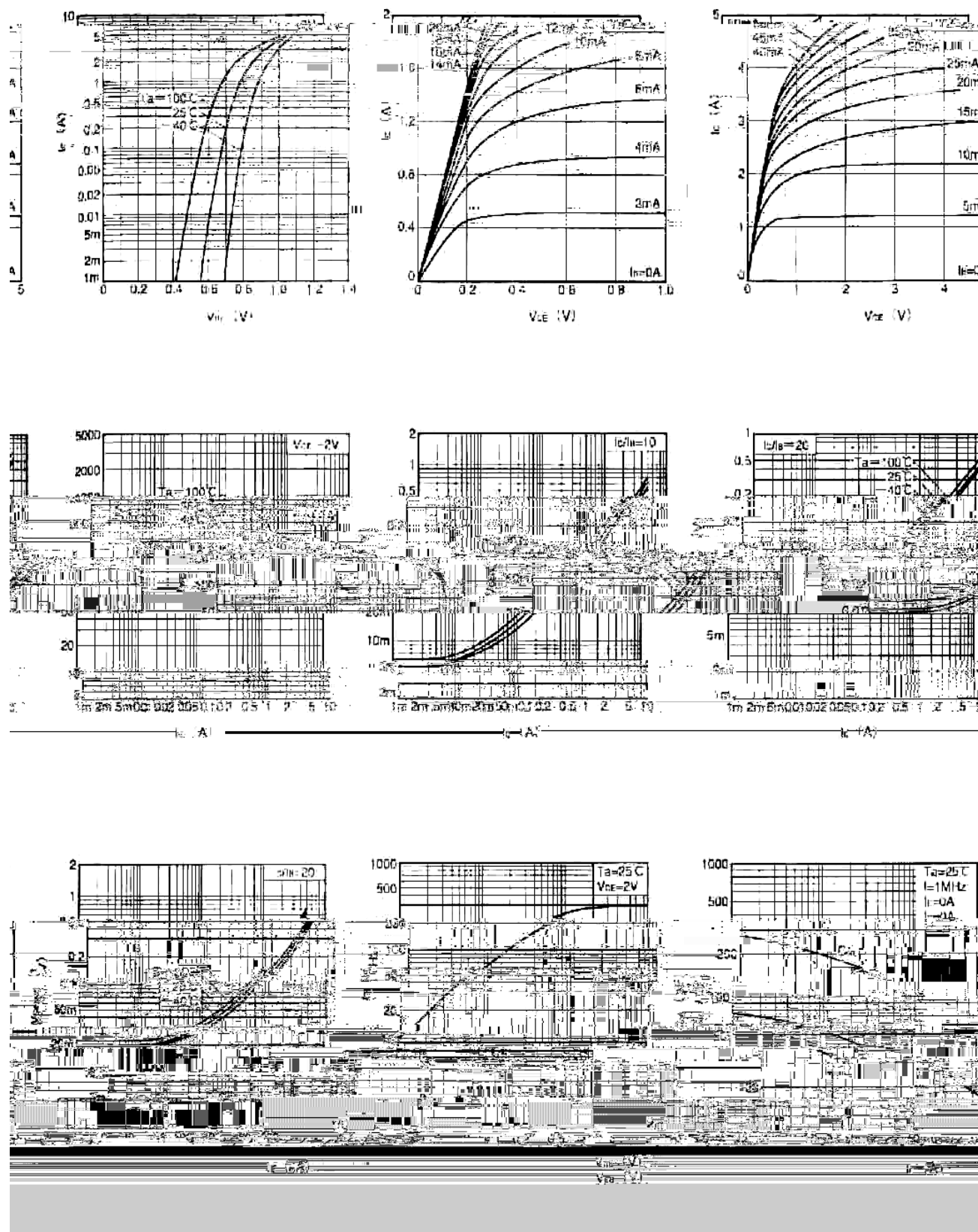
SOT-89                      NPN                      Silicon NPN transistor in a SOT-89 Plastic Package.

Low  $V_{CE(sat)}$ , excellent current gain characteristic, Complementary to 2SB1424

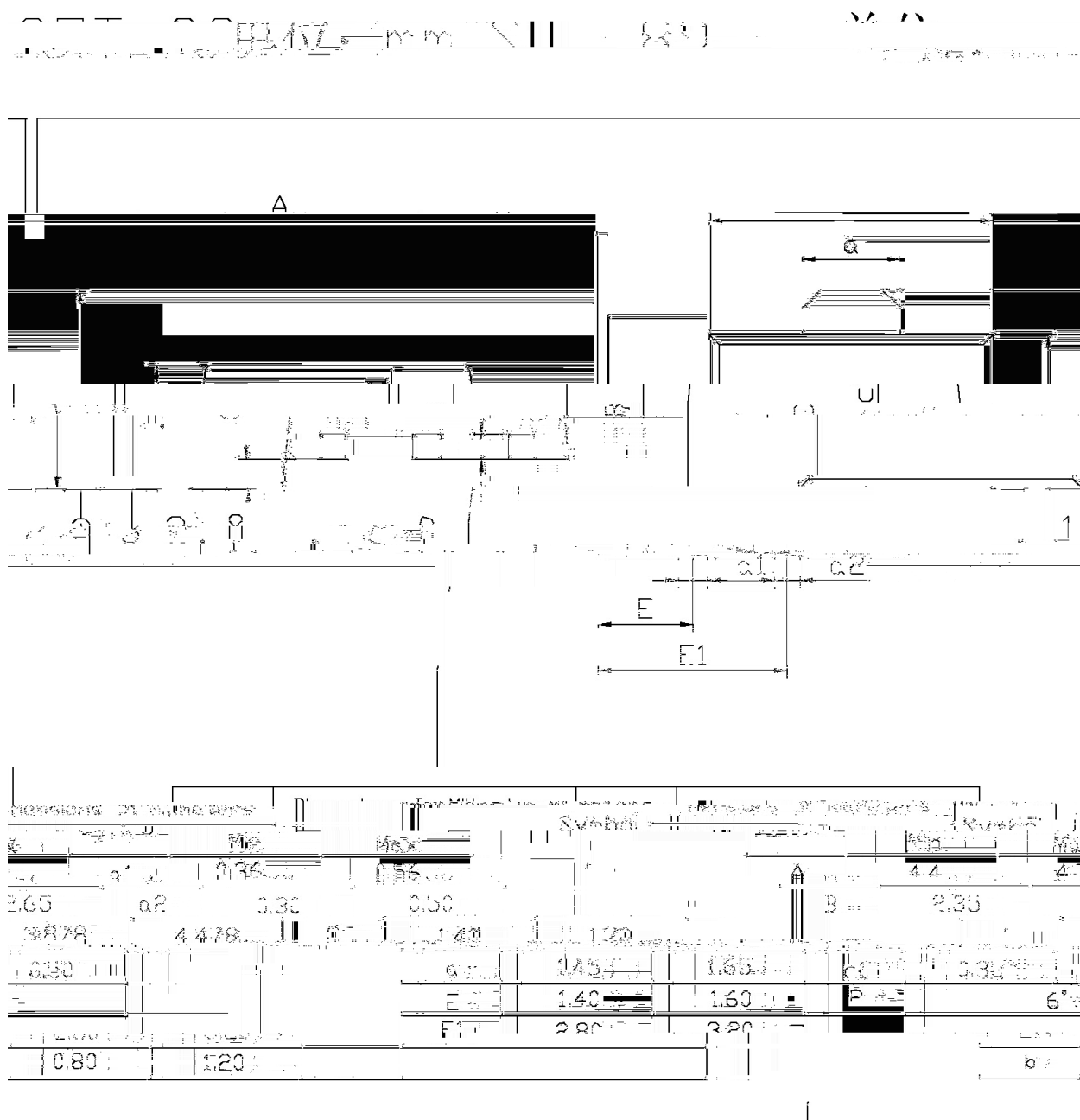


| Parameter                    | Symbol    | Rating | Unit |
|------------------------------|-----------|--------|------|
| Collector to Base Voltage    | $V_{CBO}$ | 40     | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | 20     | V    |

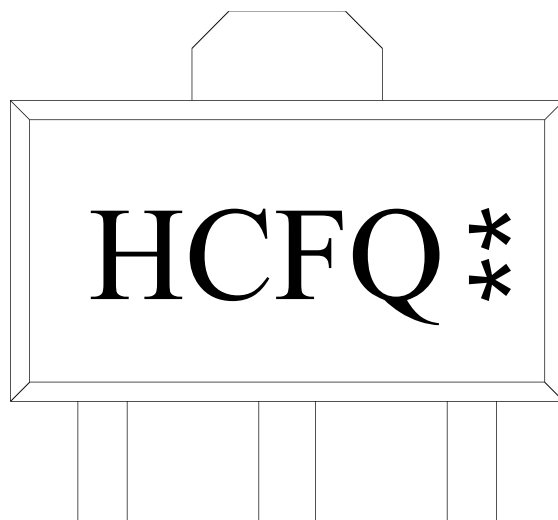
## / Electrical Characteristic Curve



## / Package Dimensions



/ Marking Instructions



说明：

H： 为公司代码

CF： 为型号代码

Q： 为  $h_{FE}$  档次代码

： 为生产批号代码，随生产批号变化。

Note:

H: Company Code.

CF: Product Type.

Q:  $h_{FE}$  Classifications Symbol

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

( ) /

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Note:

- |   |         |           |                                          |
|---|---------|-----------|------------------------------------------|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180°C, Time:60~90sec.   |
| 2 | 245±5   | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | 2       | 10°C/sec. | 3. Cooling Speed: 2~10°C/sec.            |

**/ Resistance to Soldering Heat Test Conditions**

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

**/ Packaging SPEC.**

/ REEL

| Package Type<br>封装形式 | Units 包装数量         |                         |                        |                              |                        | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |             |             |
|----------------------|--------------------|-------------------------|------------------------|------------------------------|------------------------|-----------------------------------------|-------------|-------------|
|                      | Units/Reel<br>只/卷盘 | Reels/Inner Box<br>卷盘/盒 | Units/Inner Box<br>只/盒 | Inner Boxes/Outer Box<br>盒/箱 | Units/Outer Box<br>只/箱 | Reel                                    | Inner Box 盒 | Outer Box 箱 |