

一、概述 / Descriptions

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

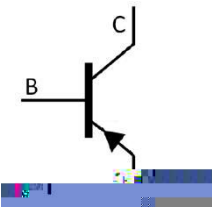
二、特性 / Features

hFE 2SD999
Low V_{CE(sat)}, excellent h_{FE} linearity, complements the 2SD999.

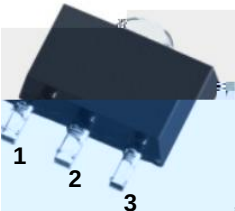
三、应用 / Applications

Audio frequency power amplifier applications.

四、等效电路 / Equivalent Circuit



五、引脚 / Pinning



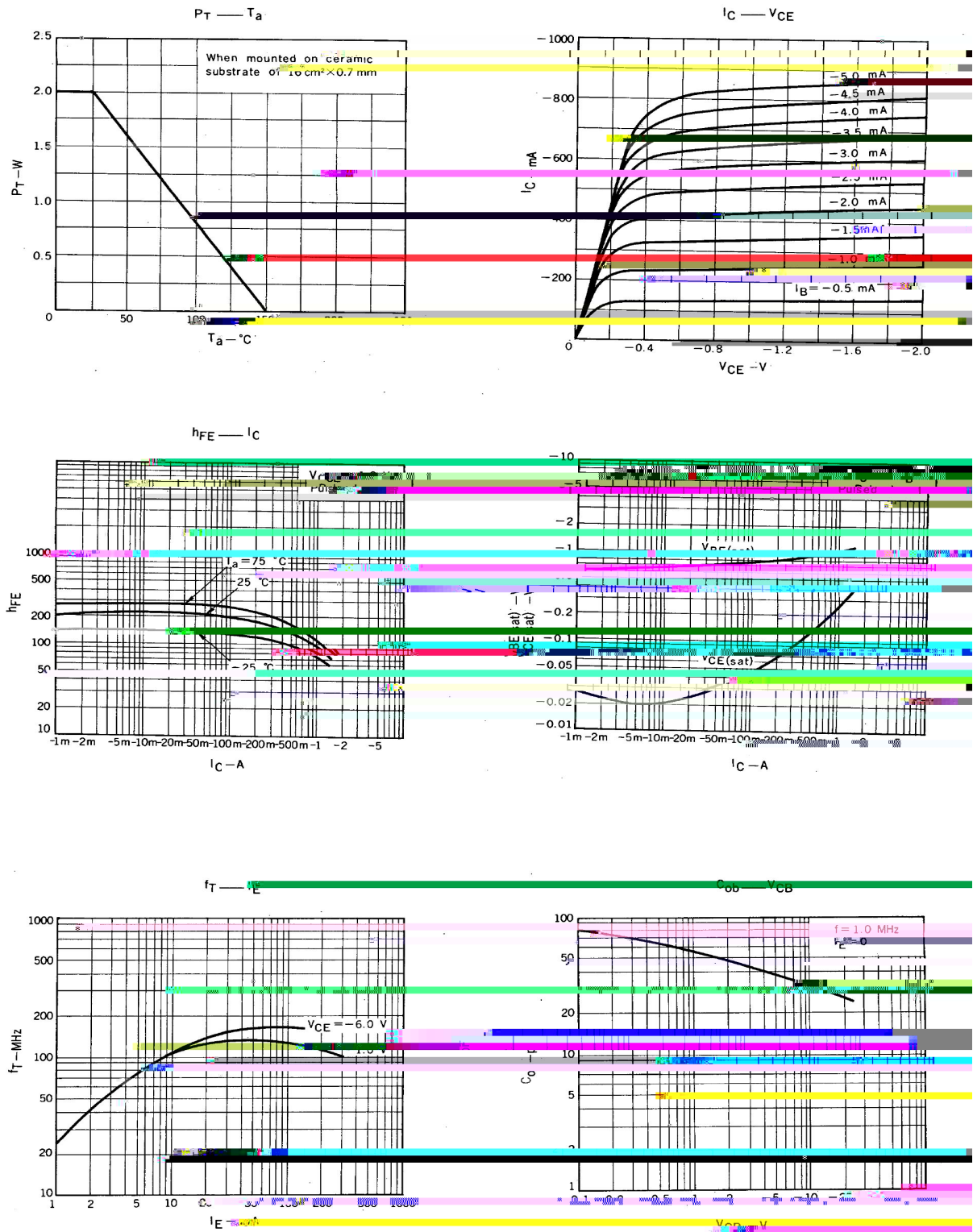
PIN1 Base PIN 2 Collector PIN 3 Emitter

六、标识 / Marking

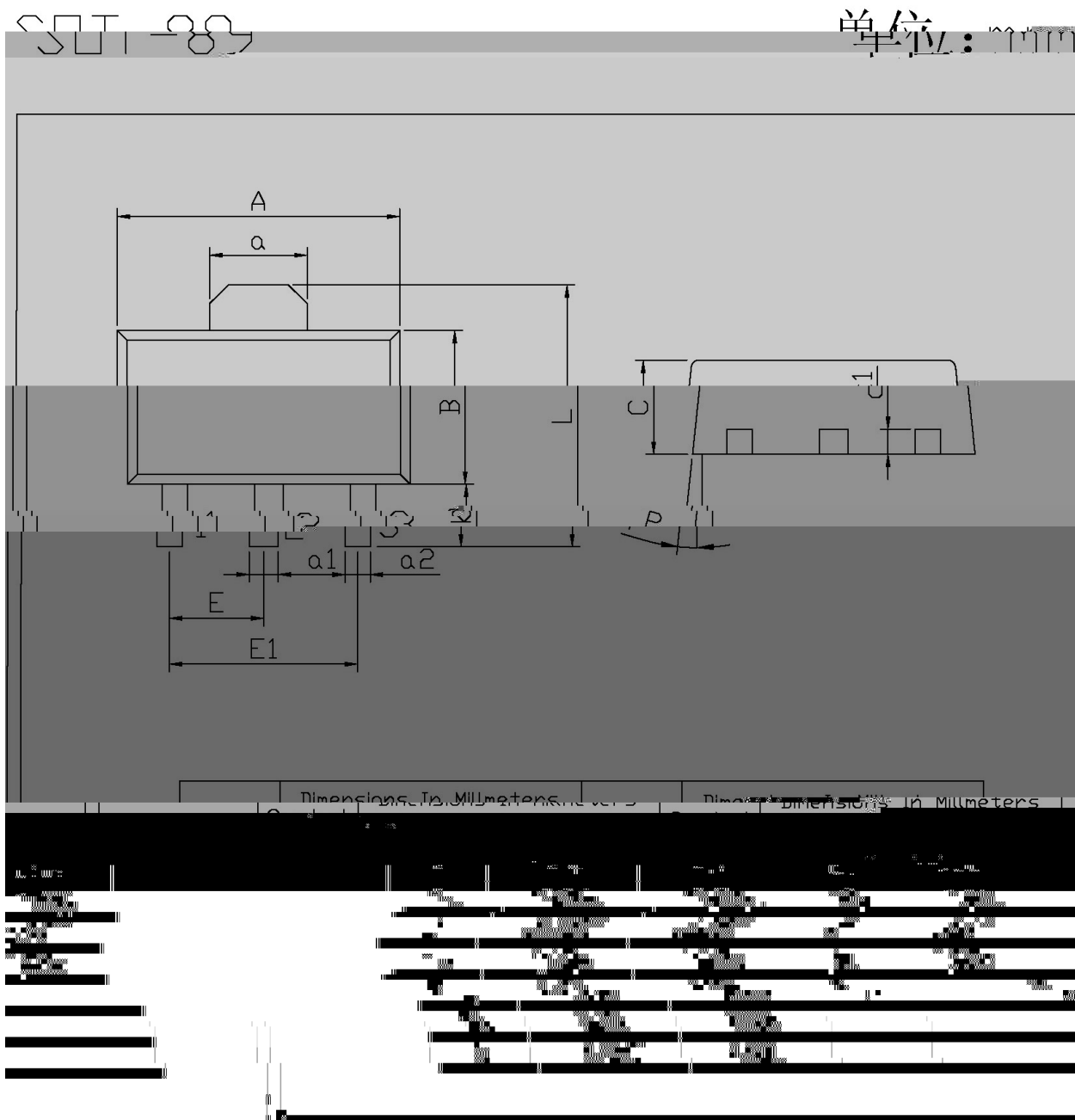
h _{FE} Classifications Symbol	M	L	K
h _{FE} Range	90 180	135 270	200 400
Marking	HDM	HDL	HDK

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-30	V

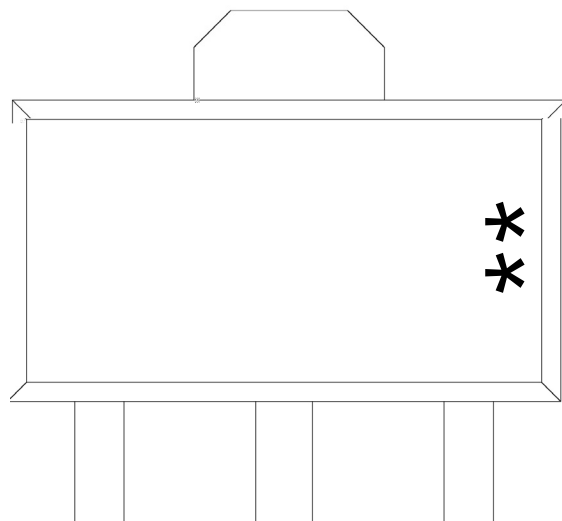
Electrical Characteristic Curve



⊂ É Ò Ì f / Package Dimensions



1. 1.1 / Marking Instructions



H

D

M h_{FE}

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Note:

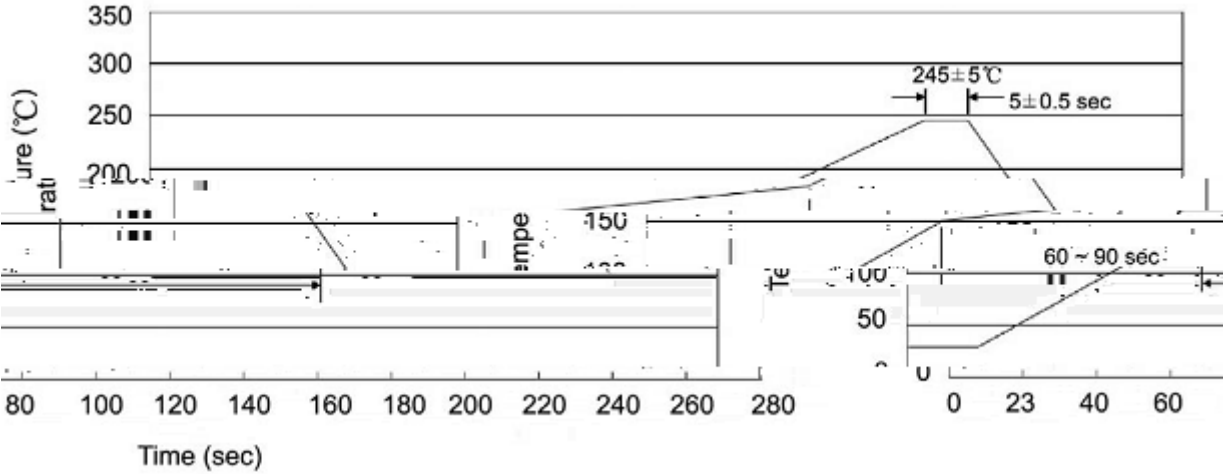
H: Company Code.

D: Product Type.

M h_{FE} Classifications Symbol

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

Thermal Test Conditions / 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 ³)
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