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Silicon NPN transistor in a SOT-89 Plastic Package.

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

General purpose amplifier.

1N

/ Equivalent Circuit



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ Marking

h_{FE} Classifications
Symbol

Q

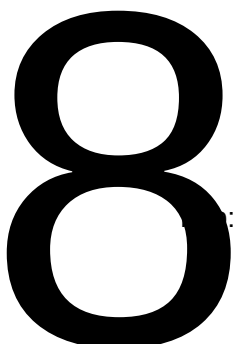
R

S

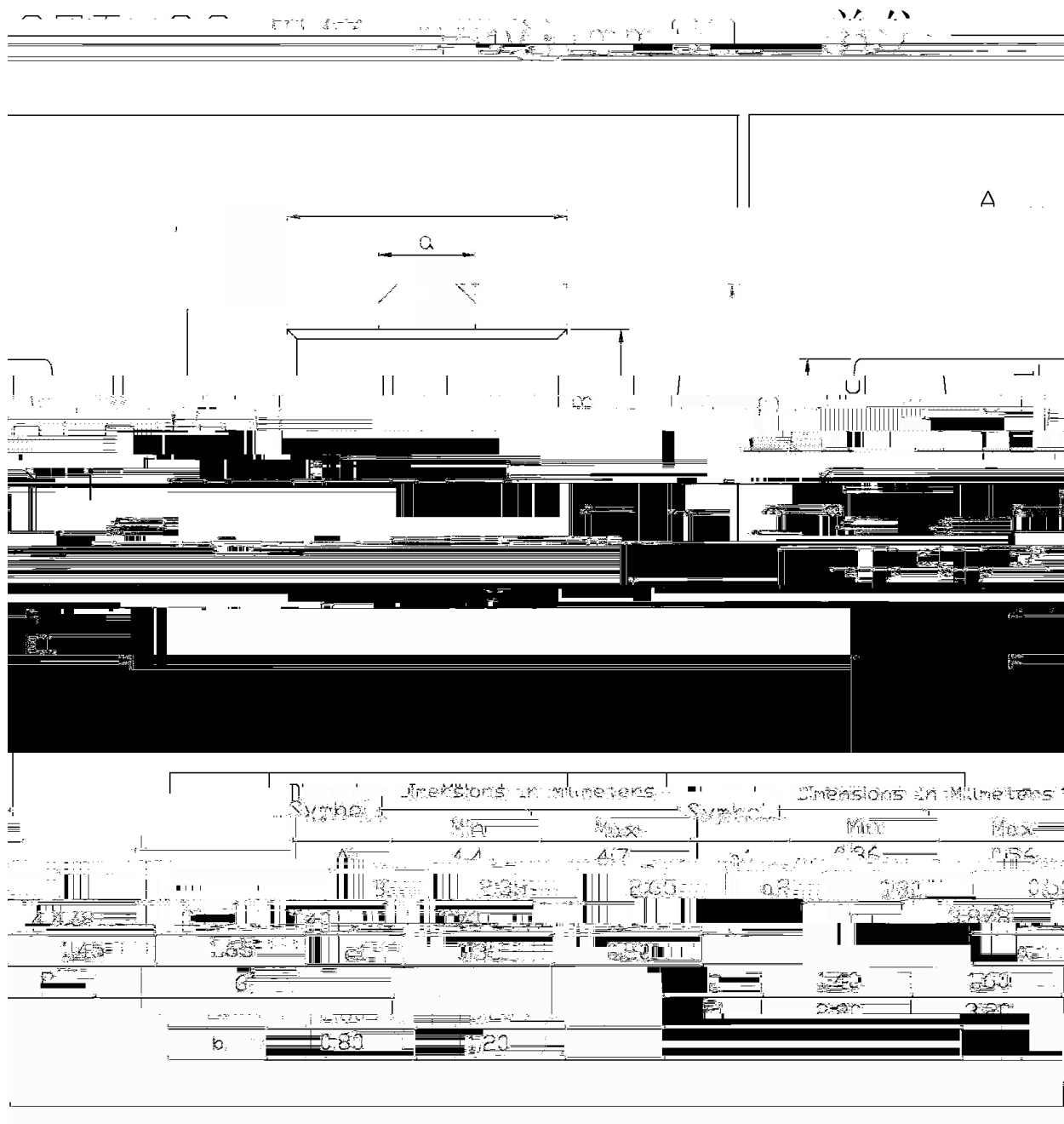
E

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

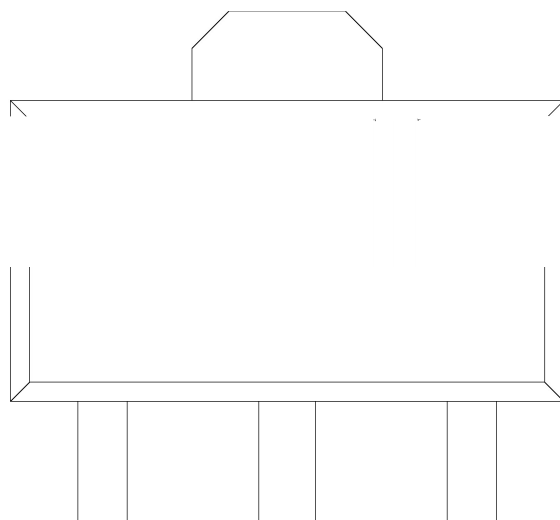
V



/ Package Dimensions



/ Marking Instructions



H

CF

Q: h_{FE}

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Note:

H: Company Code.

CF: Product Type.

Q h_{FE} Classifications Symbol

** Lot No. C

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Note:

- | | | | |
|---|---------|-----------|---|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180 , 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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱