2SC1623T

Rev.E Mar.-2016

DATA SHEET

ˇYت / Descriptions

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

◕ Ȅ / Features

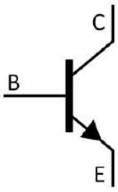
h_{FE}, V_{CEO}, 2SA812T

High h_{FE} and V_{CEO}, complementary pair with 2SA812T.

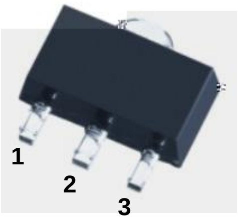
٧ ي / Applications

Audio frequency general amplifier application.

Лق ᾶ ፡ ع / Equivalent Circuit



ẫ ﾉ ΰ / Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

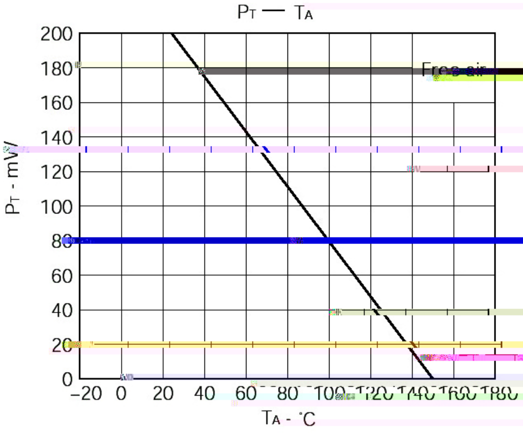
ŧ. ዘ ב / Marking

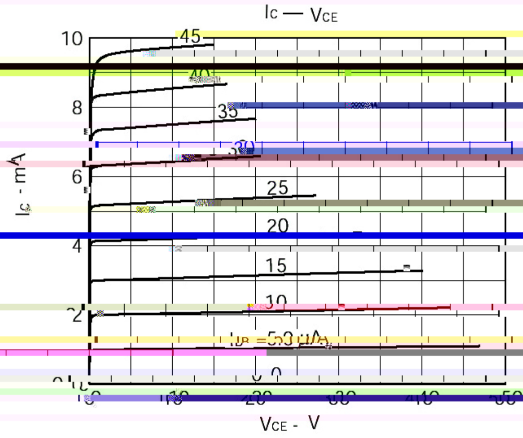
h_{FE} Classifications Symbol	O	Y	G	L
h_{FE} Range	90˙ 180	135˙ 270	200˙ 400	300˙ 600
Marking	HL4	HL5	HL6	HL7

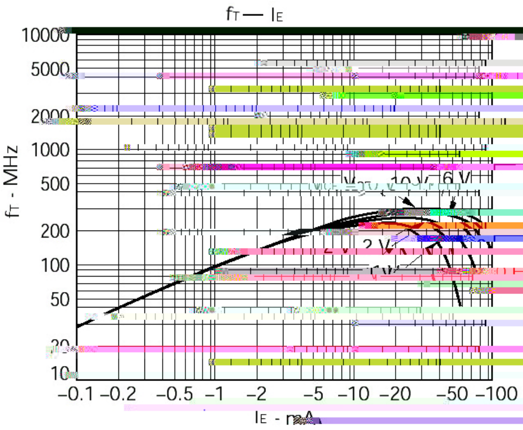
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V
Collector to Emitter Voltage	V_{CEO}	50	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current-Continuous	I_C	100	mA

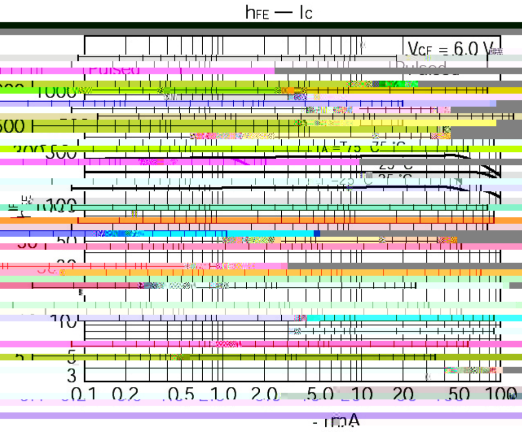
w( )Tj10.5 0 0 10.5 330.12

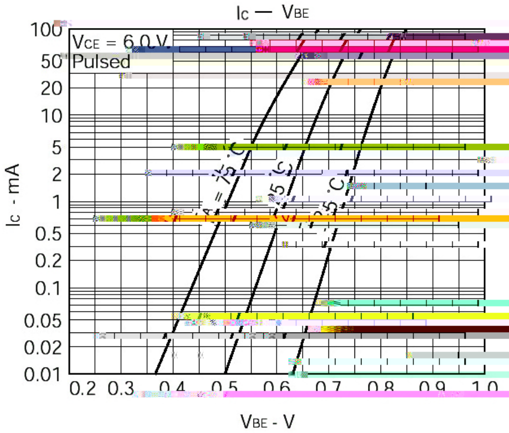
Electrical Characteristic Curve

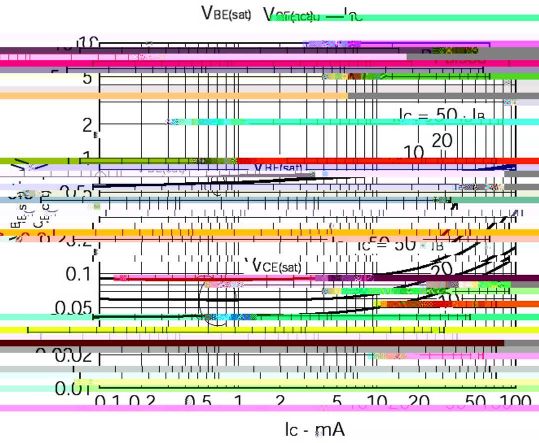






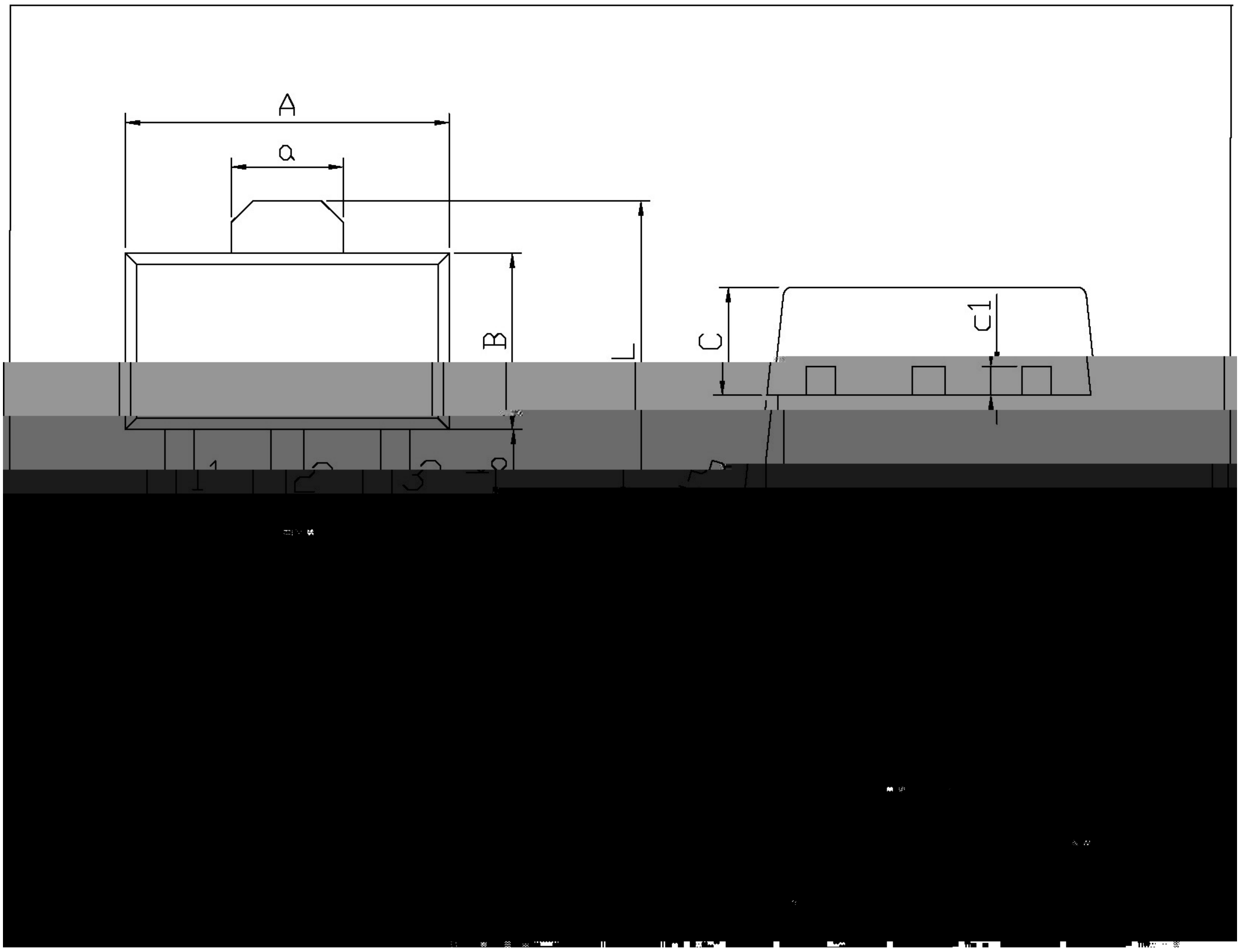




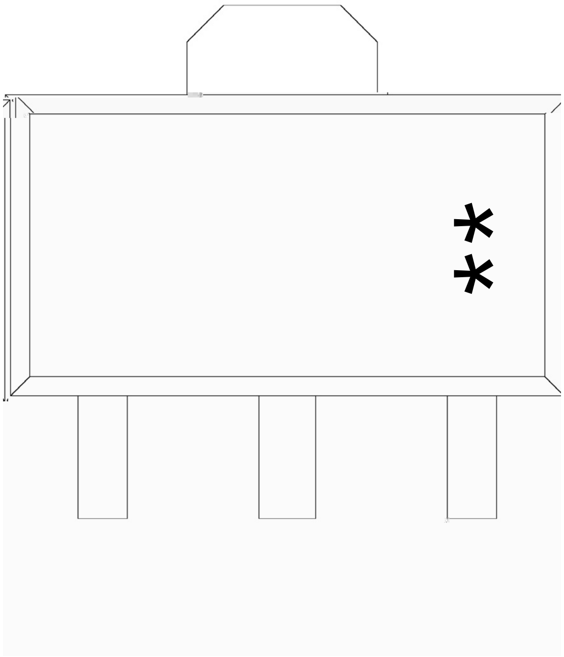


ᵘ ẺỒ Ḻ ƫ / Package Dimensions

SOT-89　　单位：mm



ł˛ L˝Ω / Marking Instructions



H

L5

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Note:

H:	Company Code.
L5:	Product Type.
**:	Lot No. Code, code change with Lot No.

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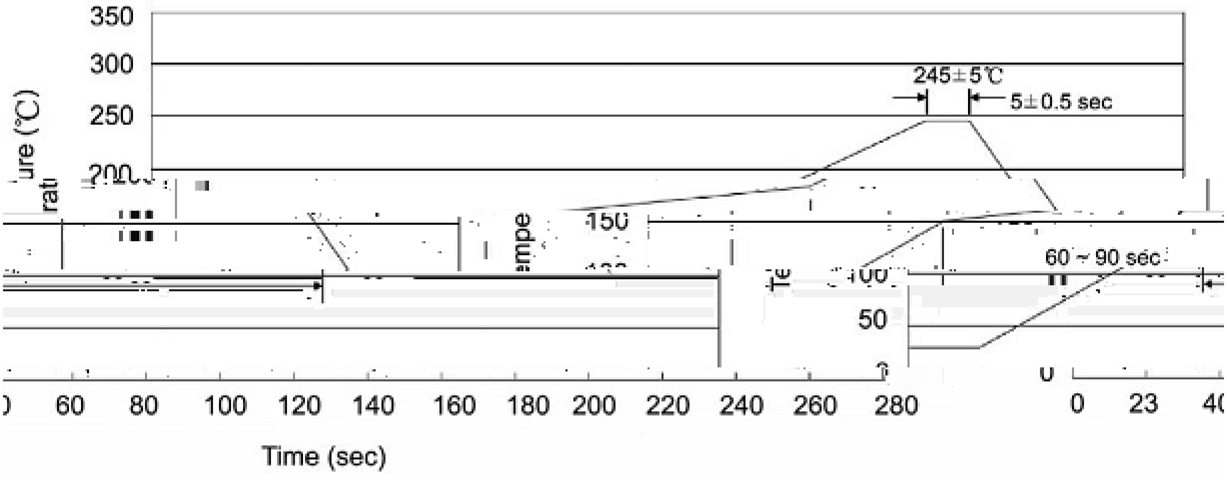

Note:

1 25 150 60 90sec;

2 245±5 5±0.5sec;

3 2 10 /sec.

1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

˧ ü q ̄ ̀Y Ţ / Resistance to Soldering Heat Test Conditions

260±5 10±1 sec.

Temp.:260±5 Time:10±1 sec

ɒ Ŀ ʗ— / 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
SOT-89	1,000	7	7,000	8	56,000	7 ρ ×12	180×120×180	385×257×392

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