

2SA950

Rev.E Mar.-2016

/ Descriptions

TO-92 PNP Silicon PNP transistor in a TO-92 Plastic Package.

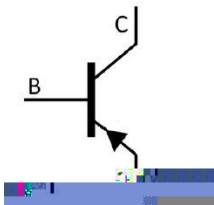
/ Features

h_{FE} , 1W , 2SC2120
High h_{FE} , 1W output applications, Complementary pair with 2SC2120.

/ Applications

Audio frequency power amplifier.

/ Equivalent Circuit



/ Pinning



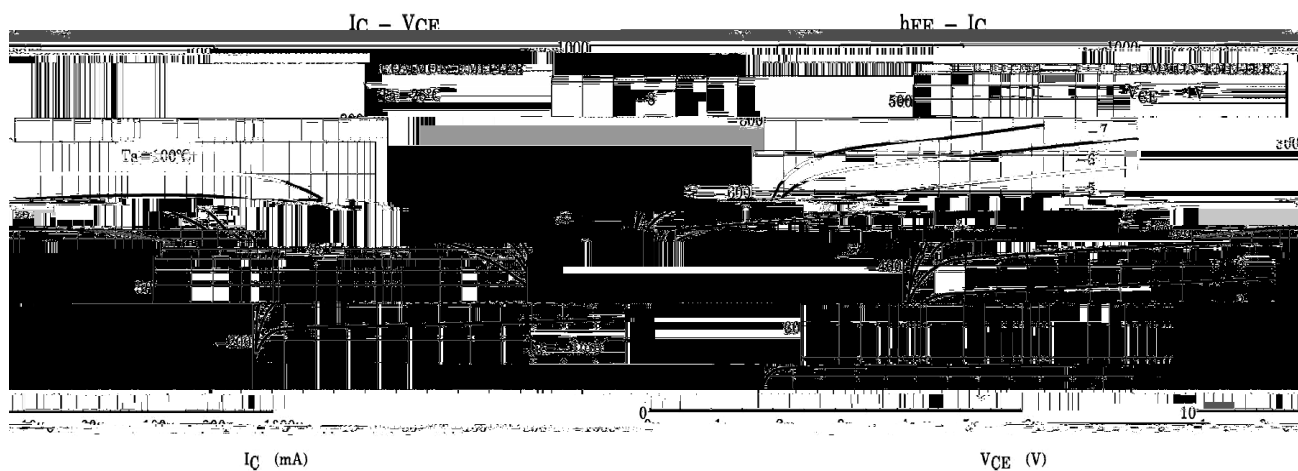
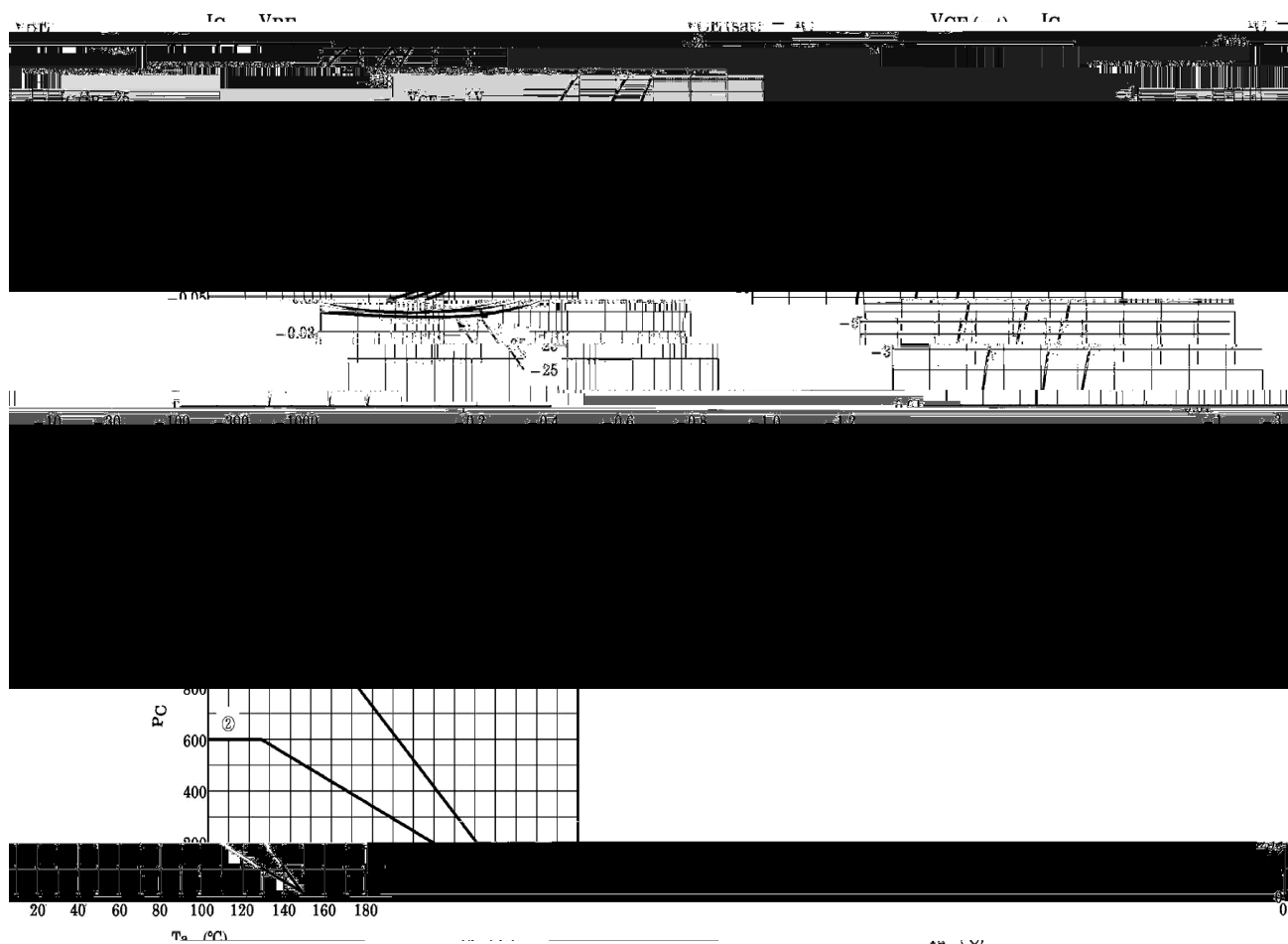
PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

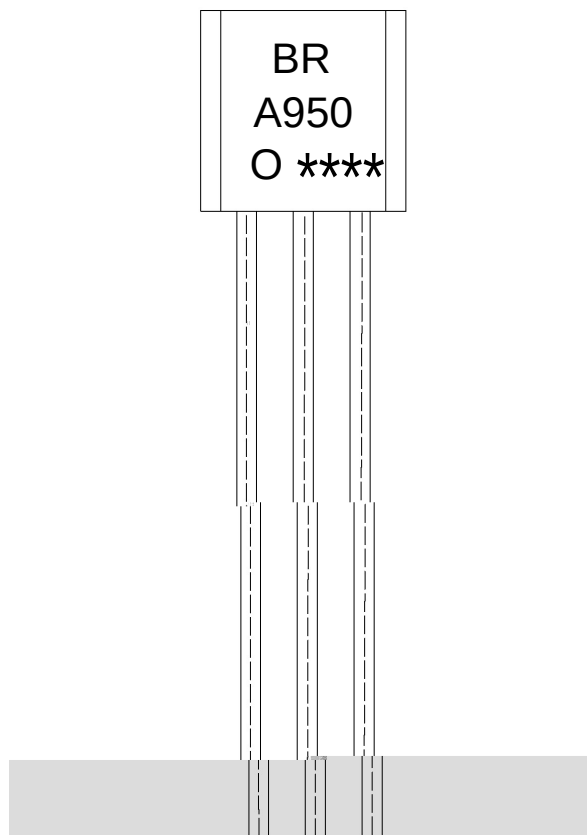
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100~200	160~320

Parameter	Symbol	f	>
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/ Electrical Characteristic Curve



/ Marking Instructions



BR:

A950

O: h_{FE}

Note:

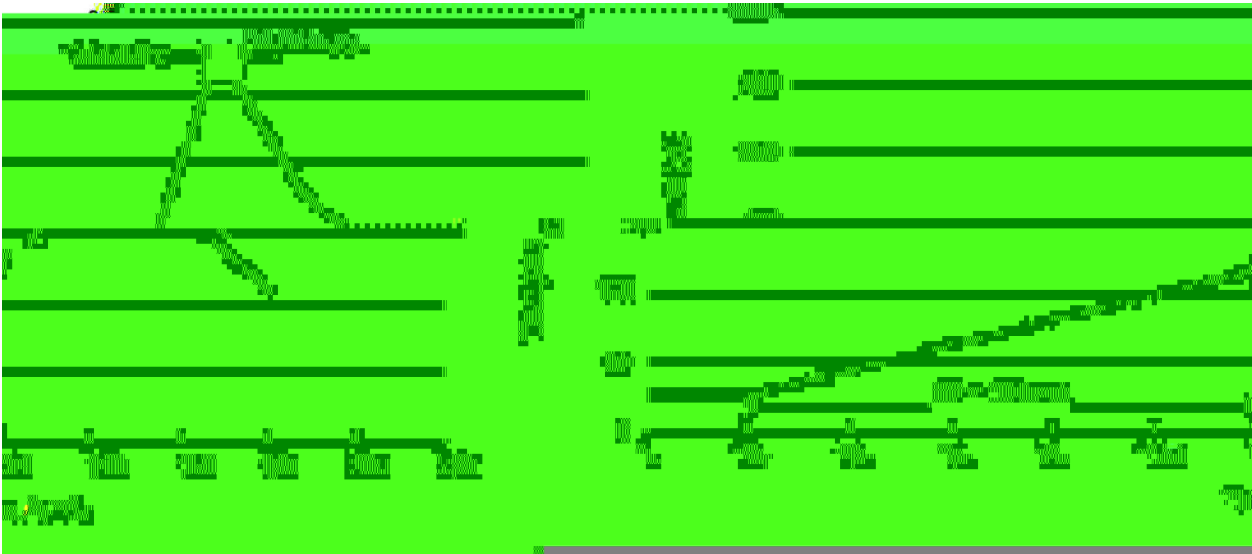
BR: Company Code.

A950: Product Type.

O: h_{FE} Classifications Symbol.

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

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;
- 2

255±5

5±0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

,

Time:60~90sec.
- 2.Peak Temp.:255±5

,

Duration:5±0.5sec.
3. Cooling Speed: 2~10

,

/sec.

/ Resistance to Soldering Heat Test Conditions

270±5

10±1 sec.

Temp:270±5

Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm3)		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-92	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195
	1,000	10	10,000	10	100,000	135×190	237×172×102	560×245×375