

/ Descriptions

Silicon NPN transistor in a SOT-23 Plastic Package.

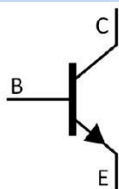
/ Features

High G_{pe} .

/ Applications

HF,VHF band amplifier application.

/ Equivalent Circuit



/ Pinning

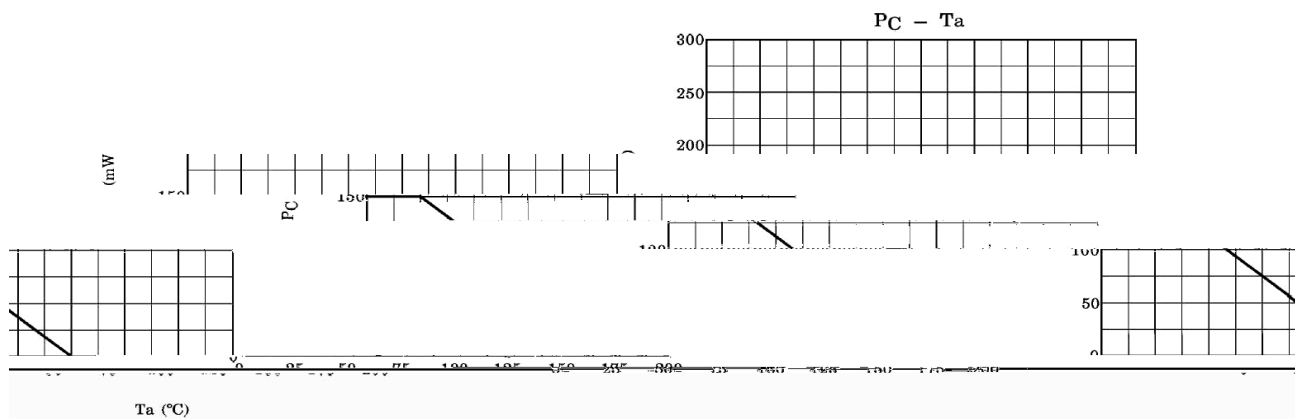
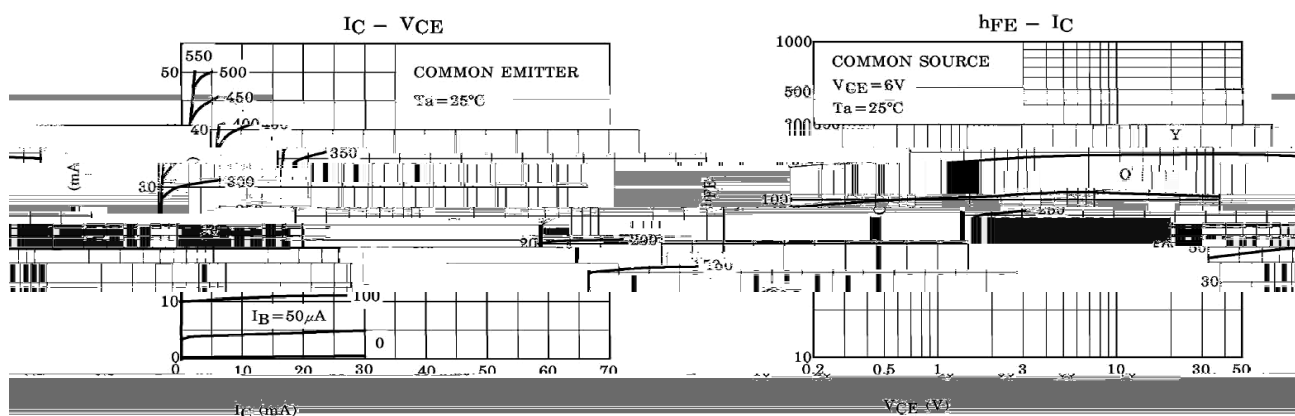


PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	R	O	Y
h_{FE} Range	40 80	70 140	120 240
Marking	HRR	HRO	HRV

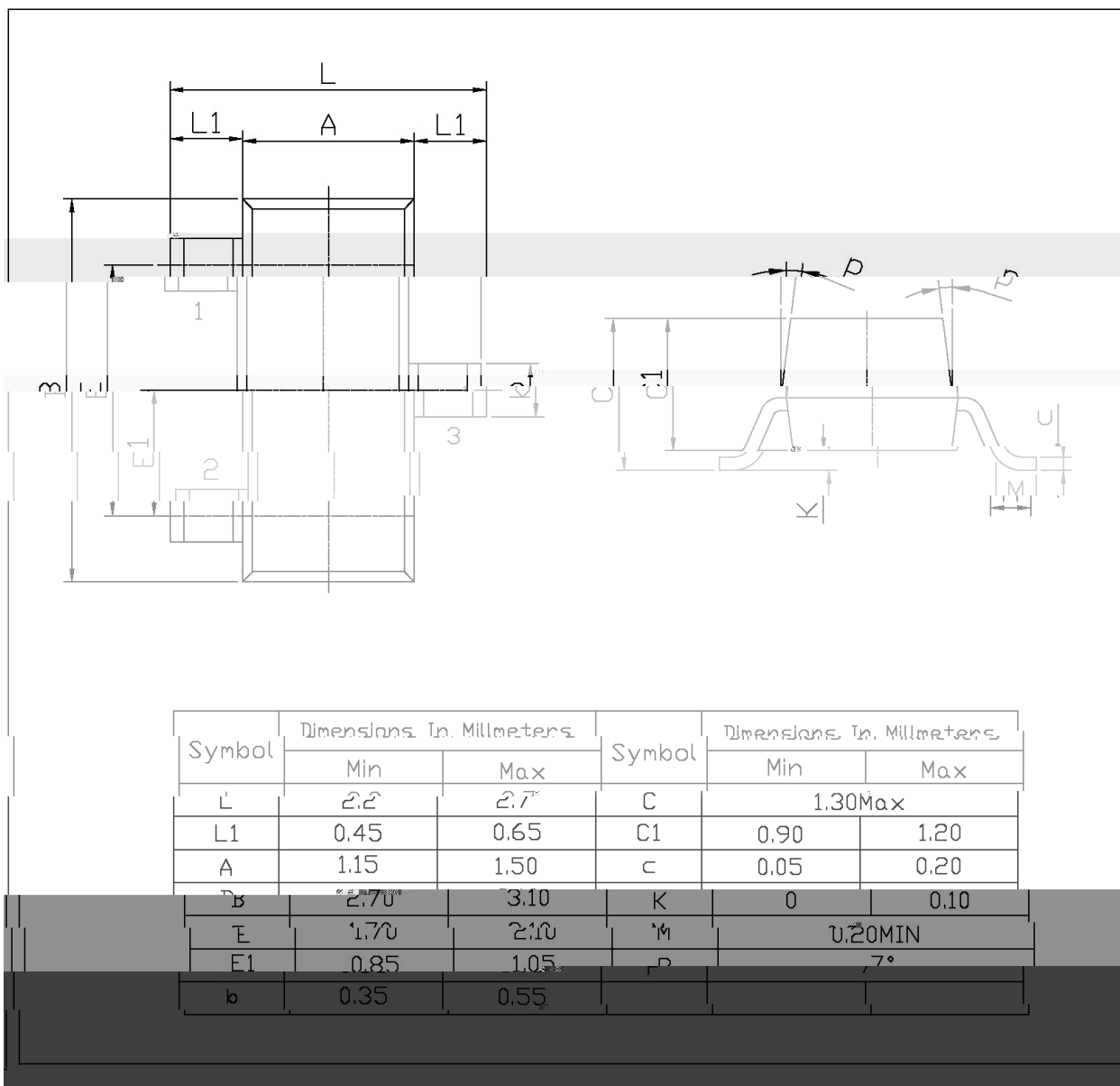
/ Electrical Characteristic Curve



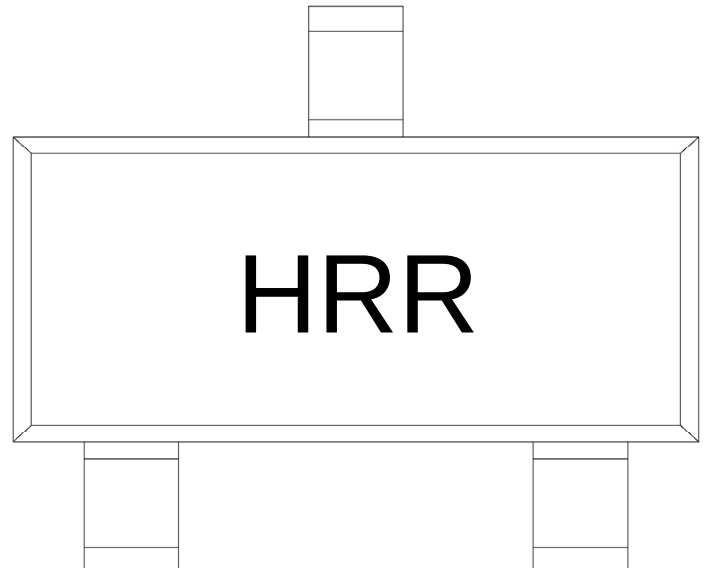
/ Package Dimensions

SOT-23

单位: mm

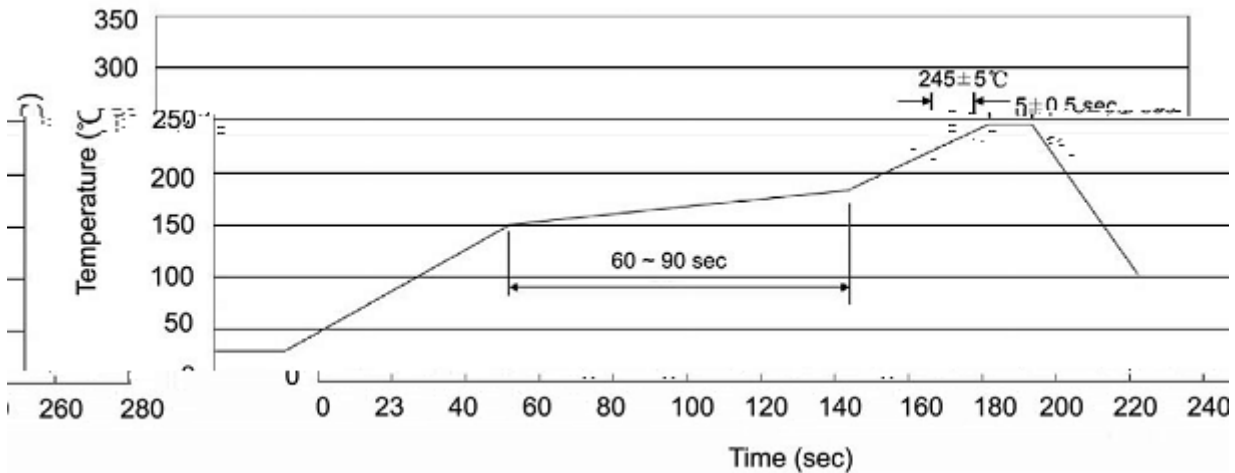


/ Marking Instructions



Note:

	Company Code
R	Product Type
	h_{FE} Classifications Symbol

() / Temperature Profile for IR Reflow Soldering(Pb-Free)


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 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-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices