

SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

High voltage, high current, high h_{FE} , low noise, excellent h_{FE} linearity.

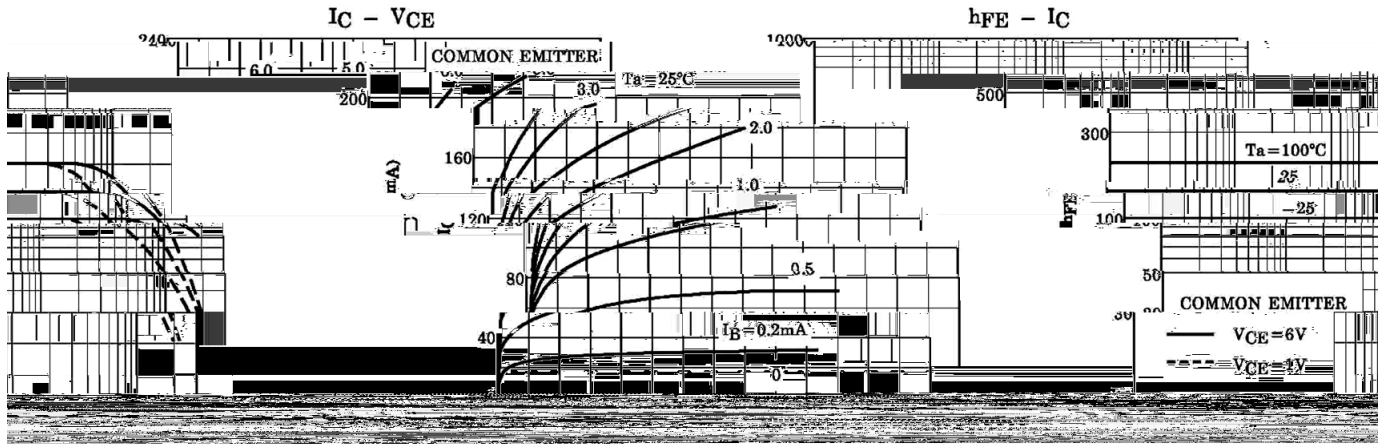
Audio frequency general purpose amplifier applications.



PIN1 Base PIN 2 Emitter PIN 3 Collector

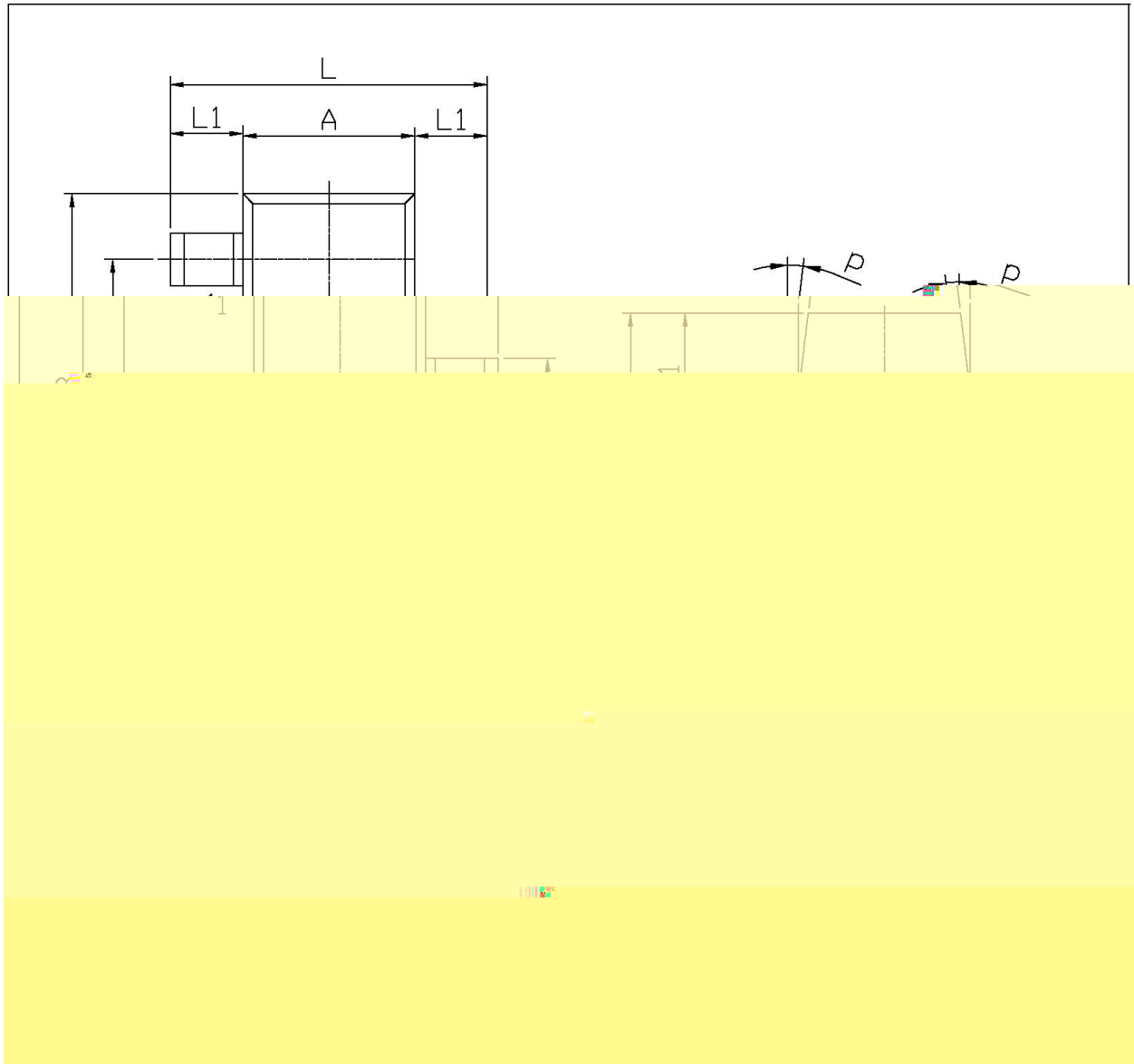
h_{FE} Classifications Symbol	O	Y	GR	BL
h_{FE} Range	70~140	120~240	200~400	350~700
Marking	HLO	HLY	HLG	HLL

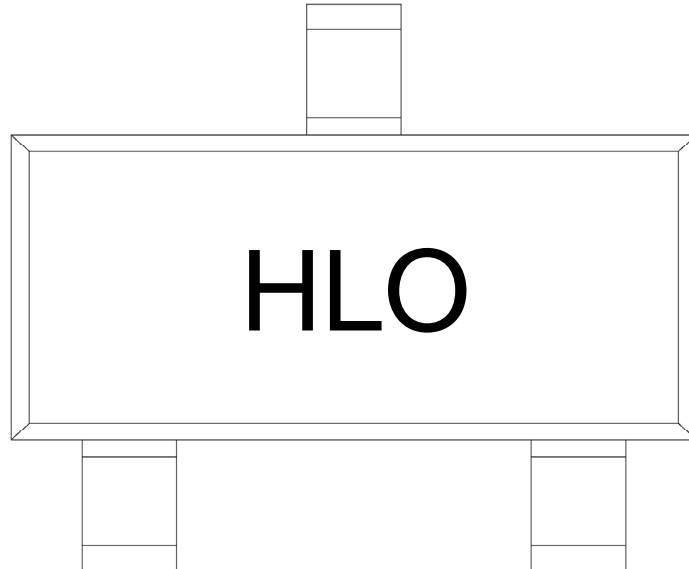
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CB0}	60	V



SOT-23

单位: mm





H

L

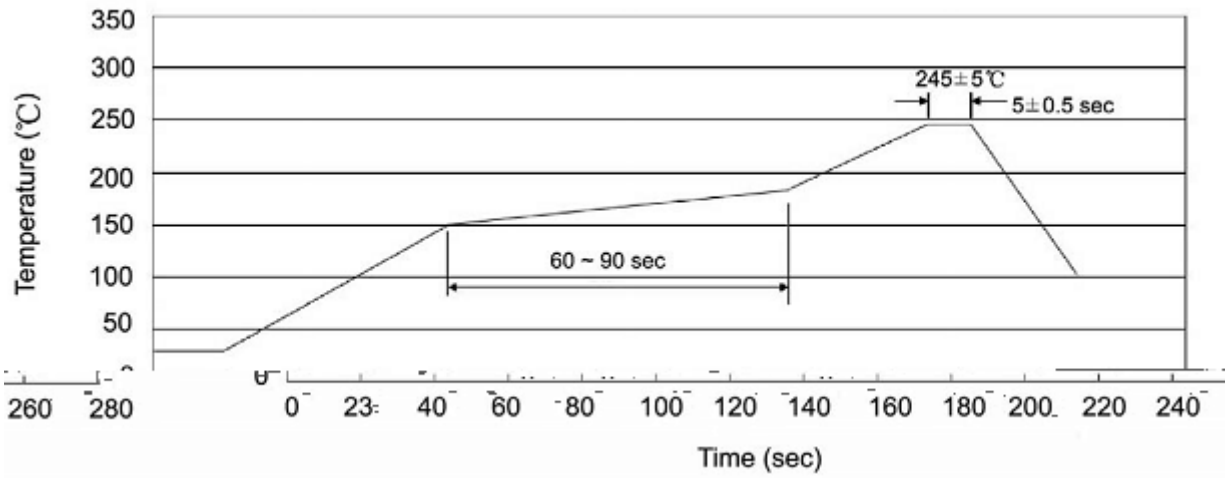
O h_{FE}

Note:

H Company Code

L Product Type Code

O 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. |

 260 ± 5
 $10 \pm 1 \text{ sec.}$

 Temp.: 260 ± 5

 Time: $10 \pm 1 \text{ sec}$

/ 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