

2SC3330M

Rev.F Apr.-2017

/ Descriptions

JF K\$) * E GE Silicon NPN transistor in a SOT-23 Plastic Package.

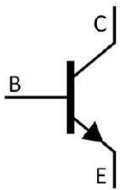
/ Features

Large current capacity and wide AOS.

/ Applications

Capable of being used in the low frequency to high frequency range.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Emitter PIN 3 Collector

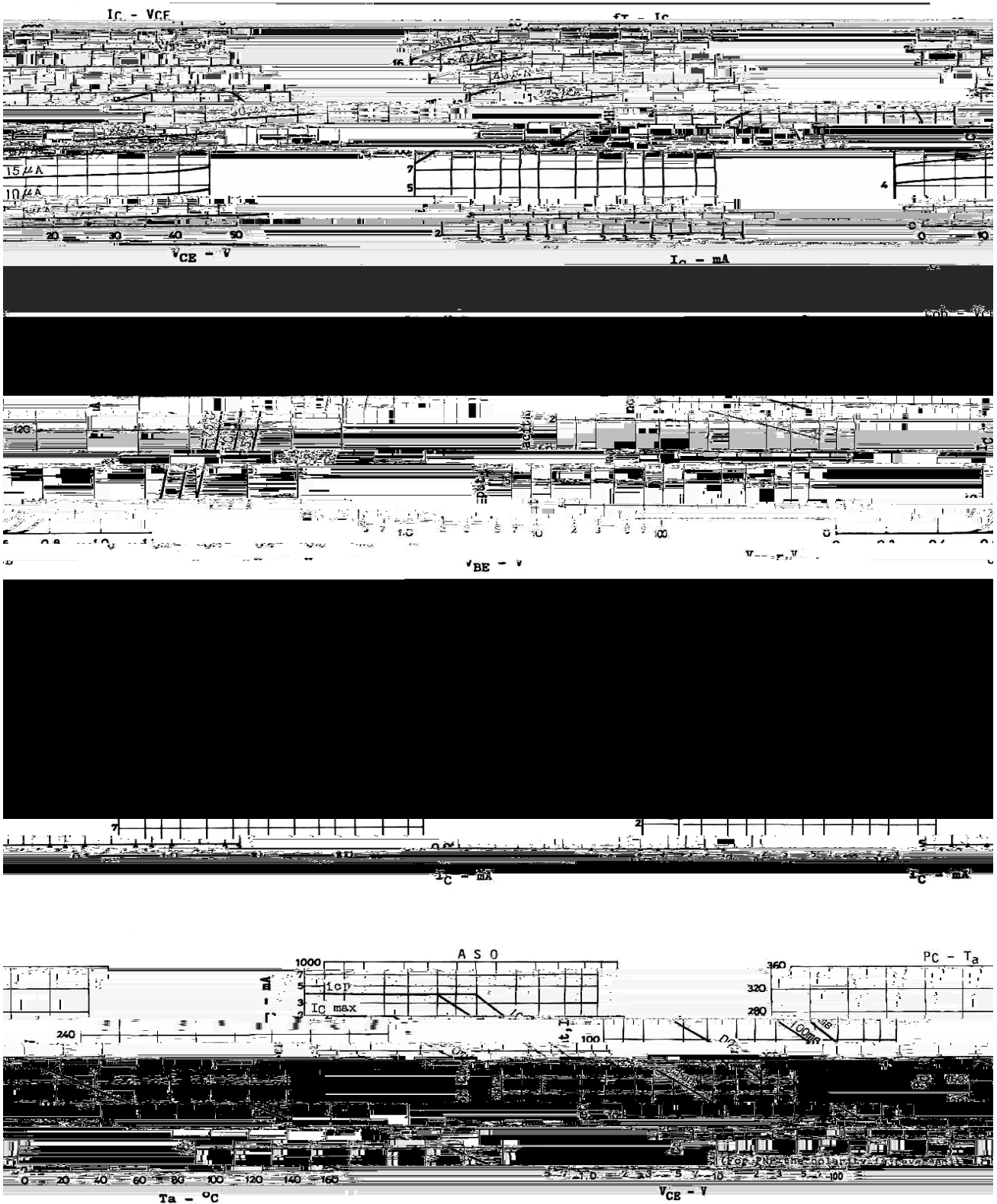
/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	R	S	T	U	V
h_{FE} Range	100 200	140 280	200 400	280 560	400 800
Marking	H30R	H30S	H30T	H30U	H30V

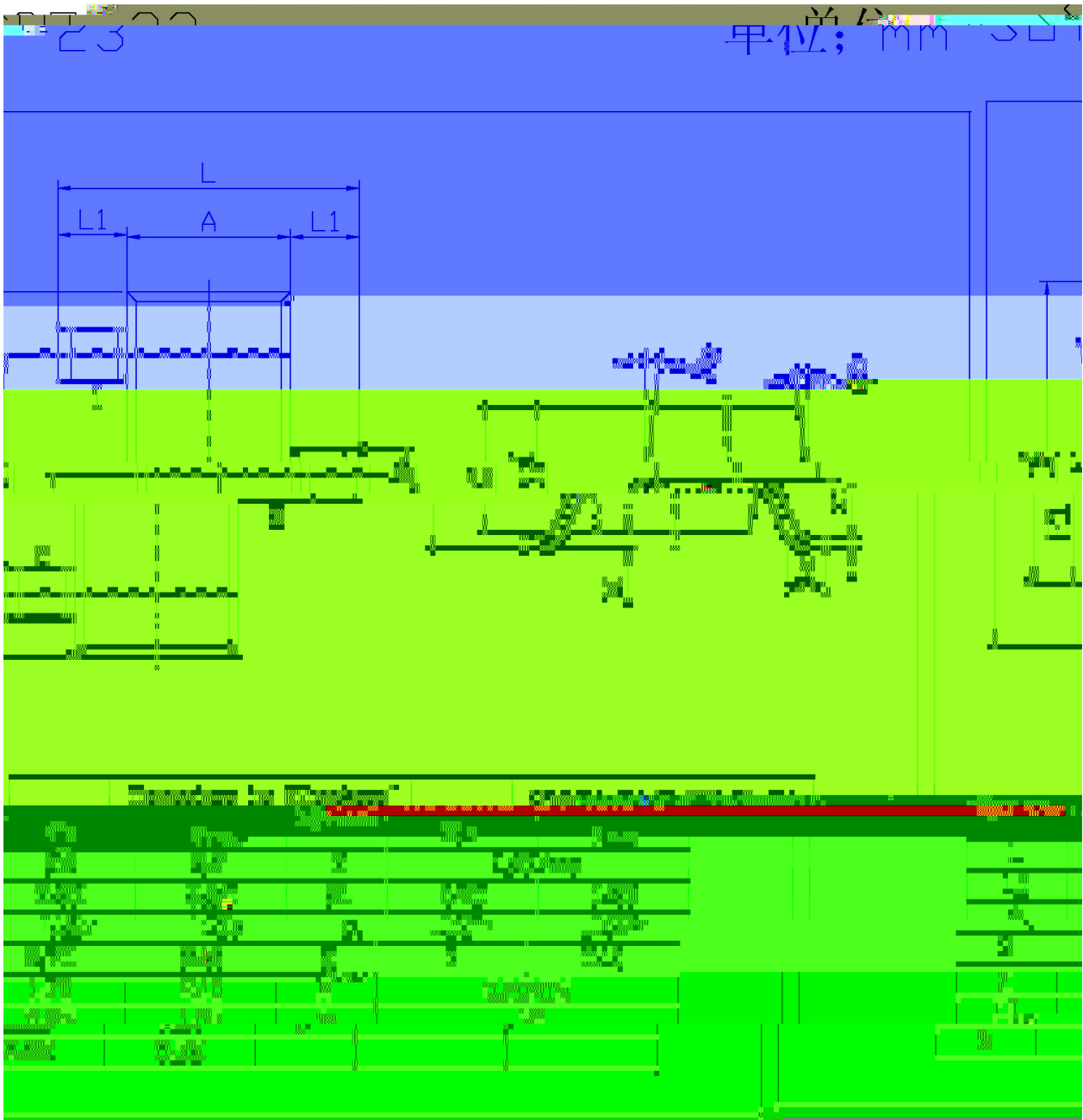
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V

Collector to Emitter Vol SHEET

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions

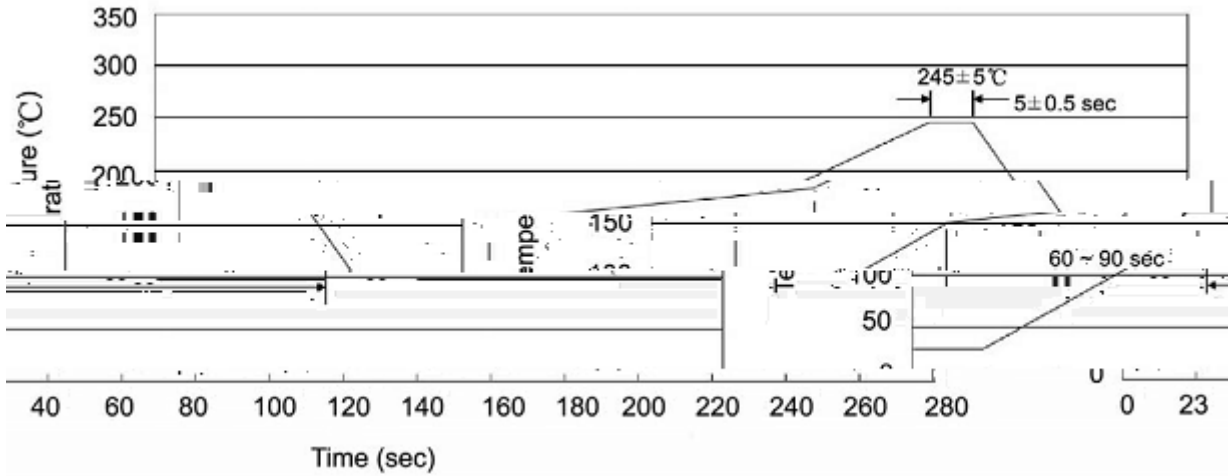
H30R

? ?
* ?
| —<

Note:

- ? Company Code
- * Product Type Code
- | h_{FE} Classifications Symbol Code

() / 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	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices