

/ Descriptions

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

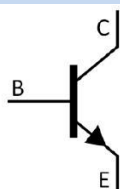
/ Features

High f_T .

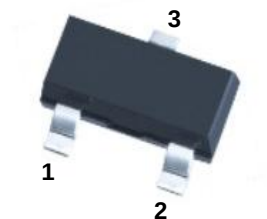
/ Applications

UHF/VHF frequency converter, local oscillator.

/ Equivalent Circuit



/ Pinning



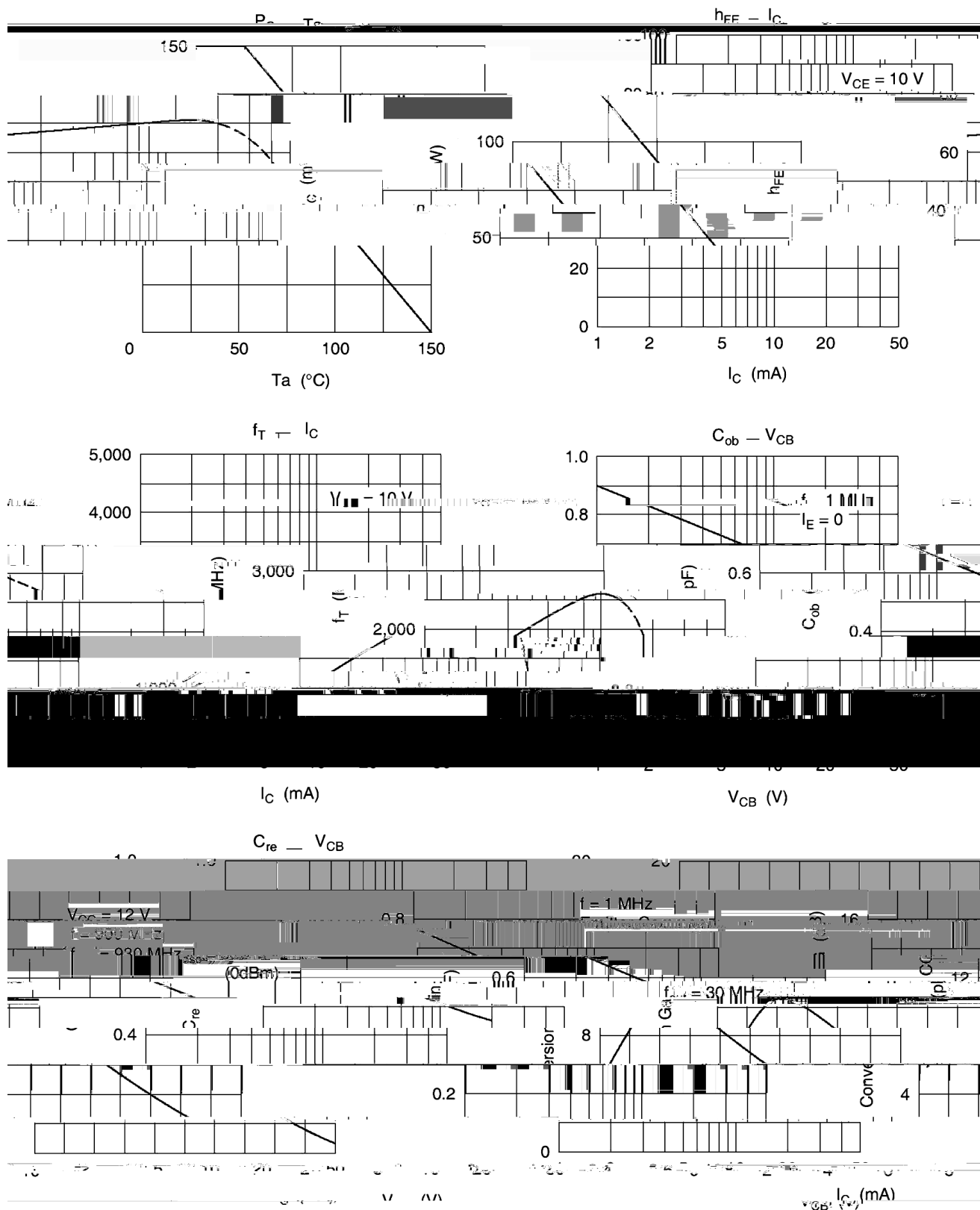
PIN1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

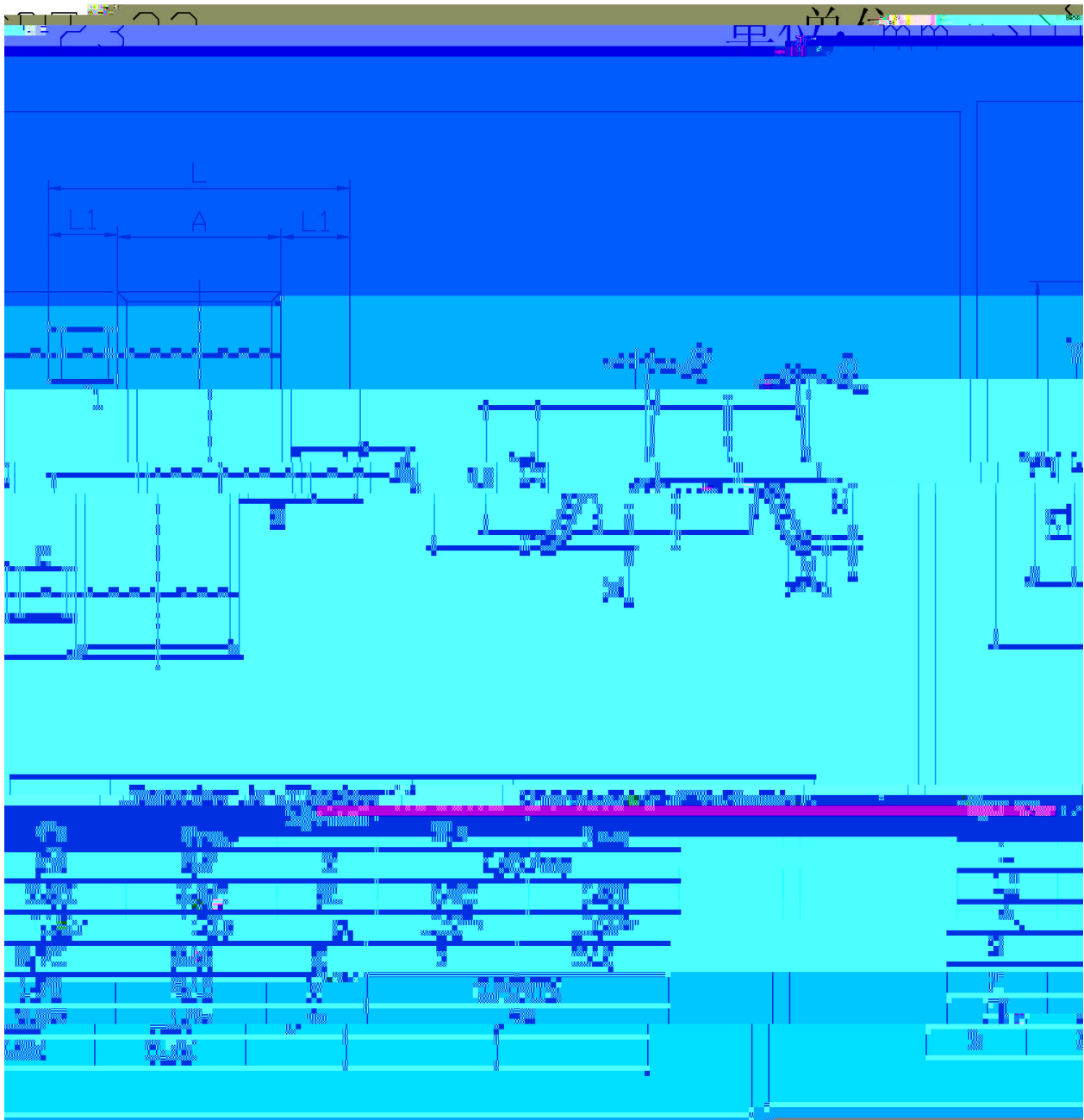
h_{FE} Range	30 200
Marking	HTC

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	30	V

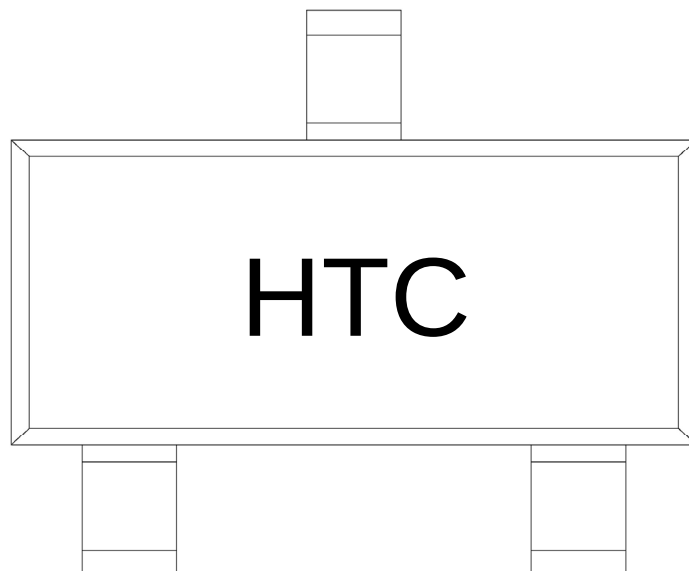
I Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



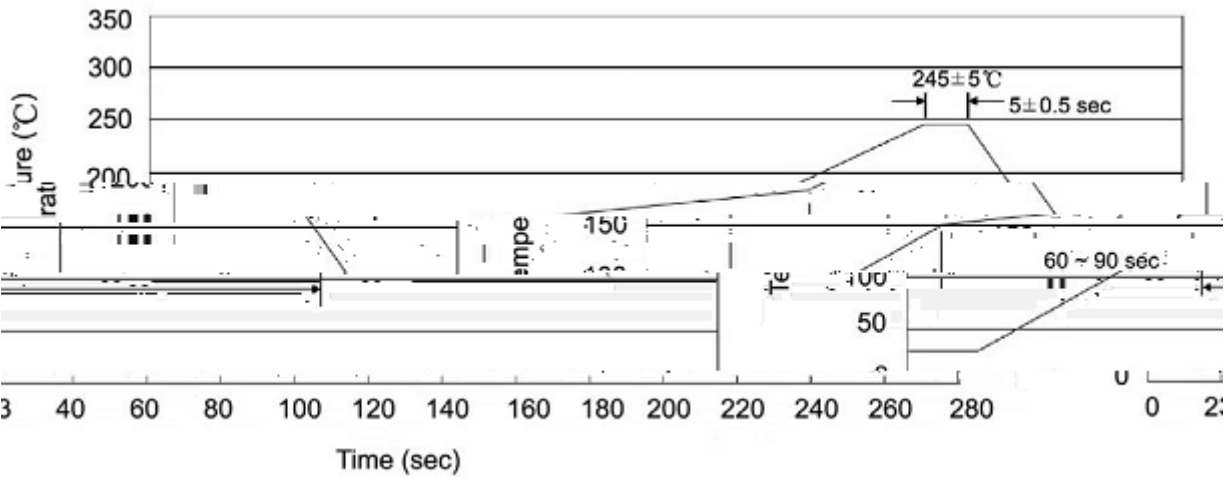
H

TC

Note:

H Company Code

TC Product Type Code



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 Type0	Units 包装数量	Dimension 包装尺寸 (unit: mm ³)
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