# 2SC2736

Rev.F Apr.-2017

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

## / Descriptions

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

## / Features

High $f_T$.

## / Applications

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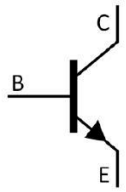
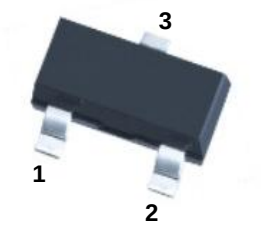
UHF/VHF frequency converter, local oscillator.

## / Equivalent Circuit




## / Pinning



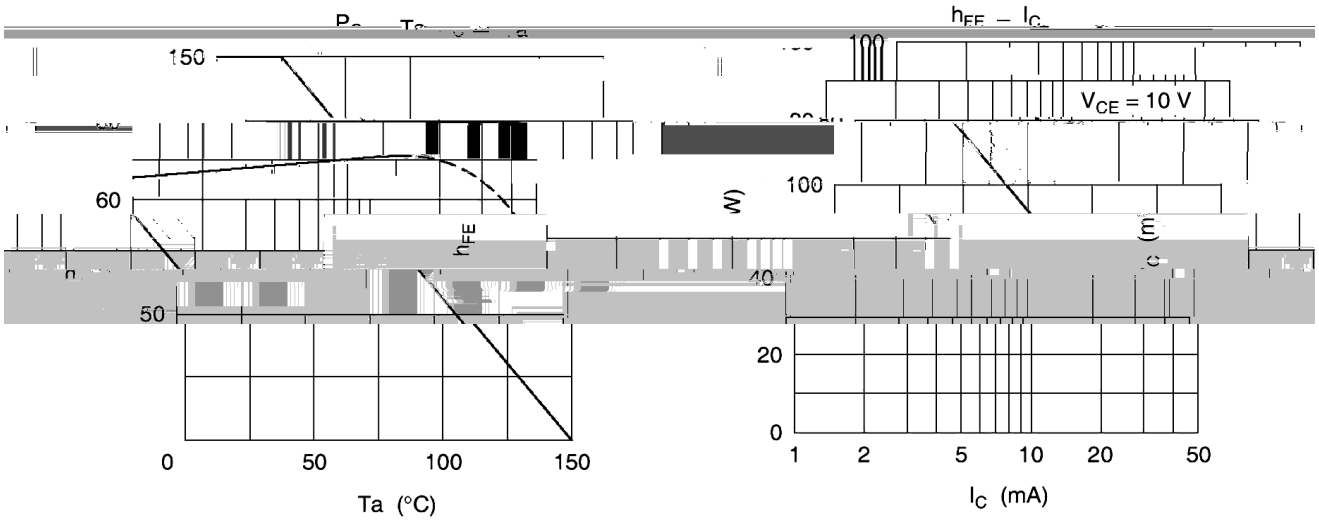

PIN1 Base PIN 2 Emitter PIN 3 Collector

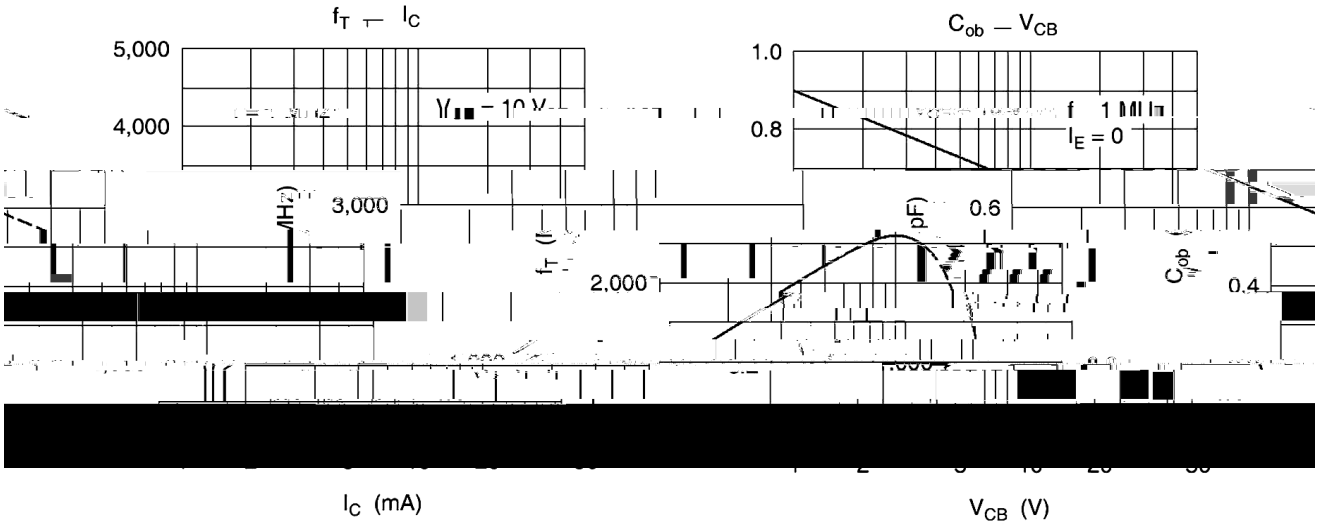
## / $h_{FE}$ Classifications & Marking

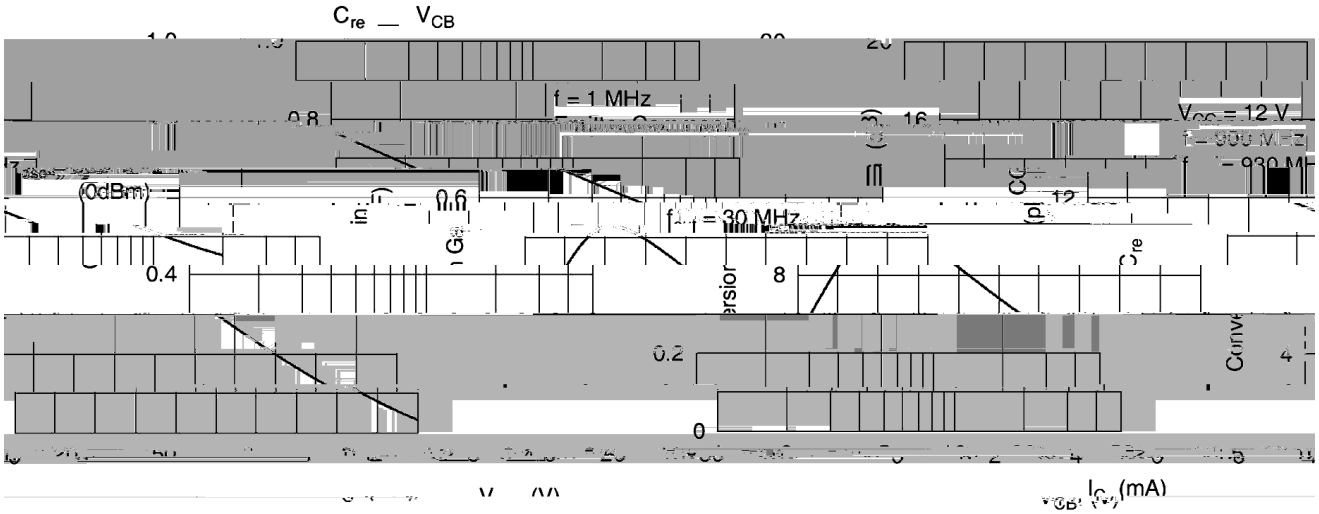
| | |
|---|---|
| $h_{FE}$ Range | 30 200 |
| Marking | HTC |

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

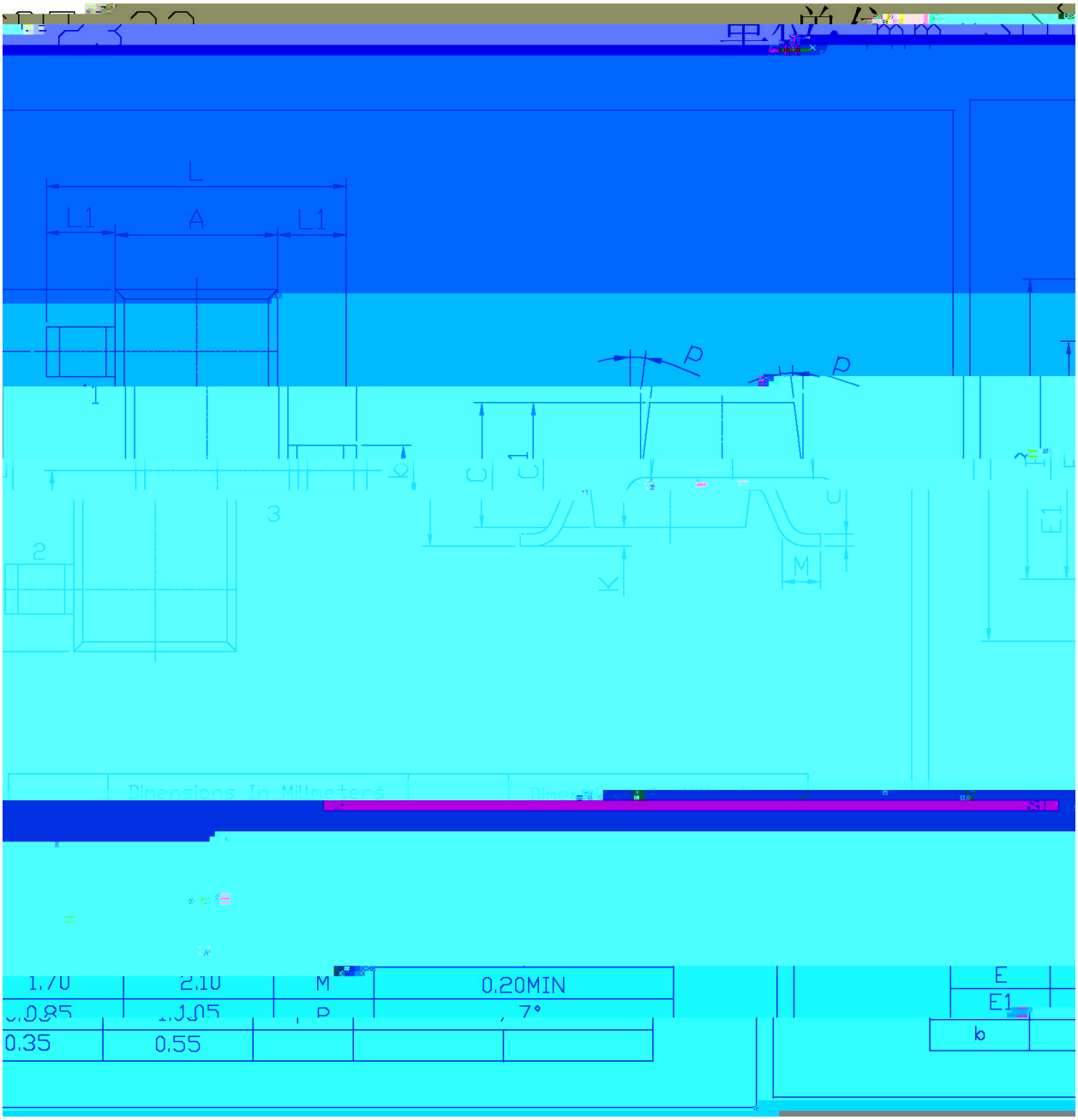
## / Electrical Characteristic Curve



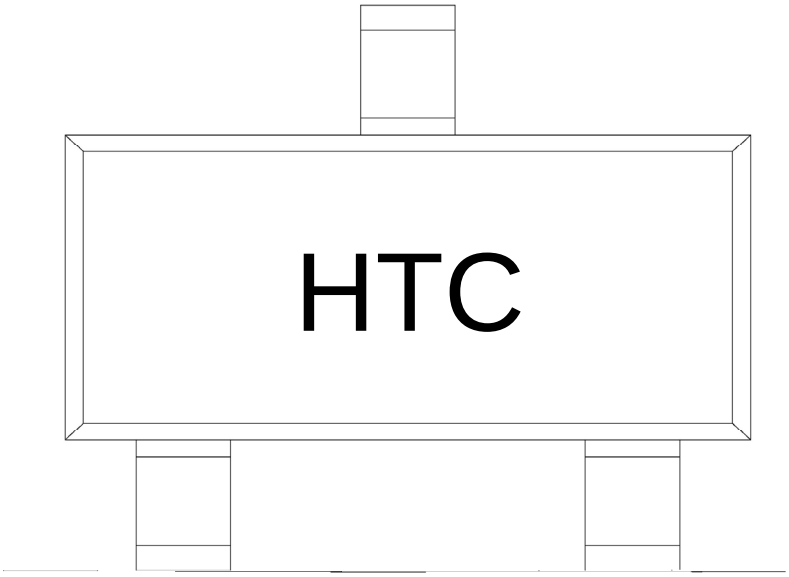



## / Package Dimensions



## / Marking Instructions



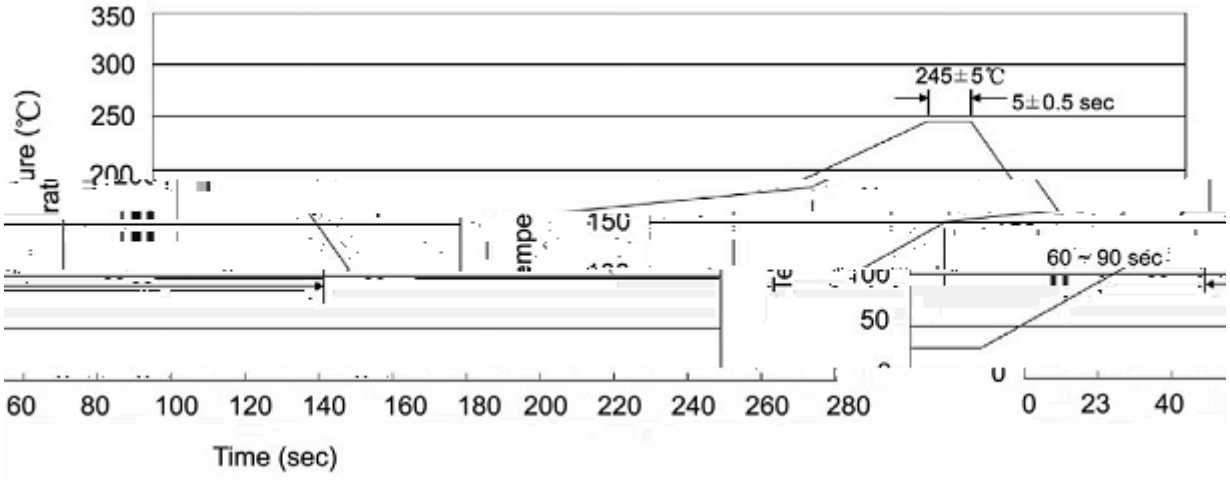

H

TC

Note:

| | |
|---|---|
| H | Company Code |
| TC | Product Type 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

| | Units 包装数量 | Dimension 包装尺寸 (unit: $mm^3$) |
|---|---|---|