# KTD1898

Rev.E Mar.-2016

**DATA SHEET**

## ‶Yٿ / Descriptions

SOT-89 NPN Silicon NPN transistor in a SOT-89 Plastic Package.

## ◕ Ȅ / Features

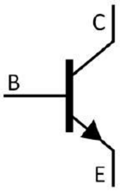
KTB1260

Small flat package,complements the KTB1260.

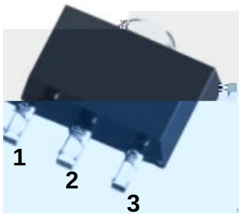
## ᵿ ڍ / Applications

General purpose application.

## ЛϬ̀ ᾷ ؏ ع / Equivalent Circuit



## ẫ ﾉ ữ / Pinning



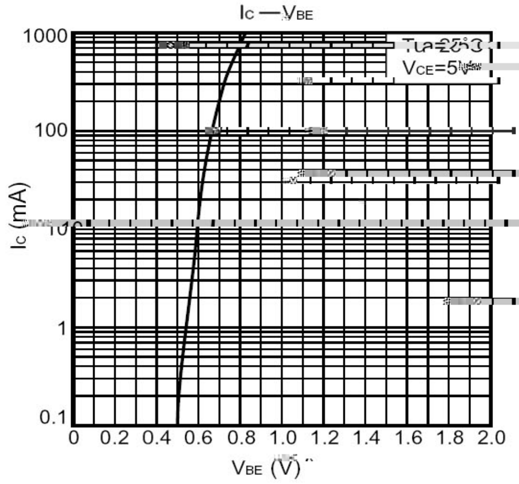
PIN1 Base PIN 2 Collector PIN 3 Emitter

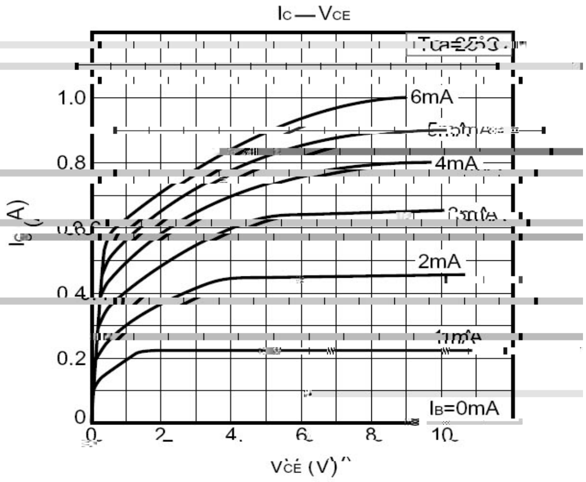
## ƚ̣ ʜ ב̄ / Marking

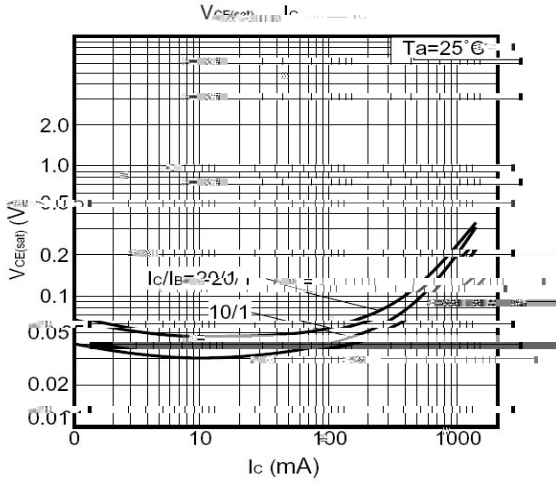
| $h_{FE}$ Classifications Symbol | O | Y | GR |
|---|---|---|---|
| $h_{FE}$ Range | 70-140 | 120-240 | 200 400 |
| Marking | HZO | HZY | HZG |

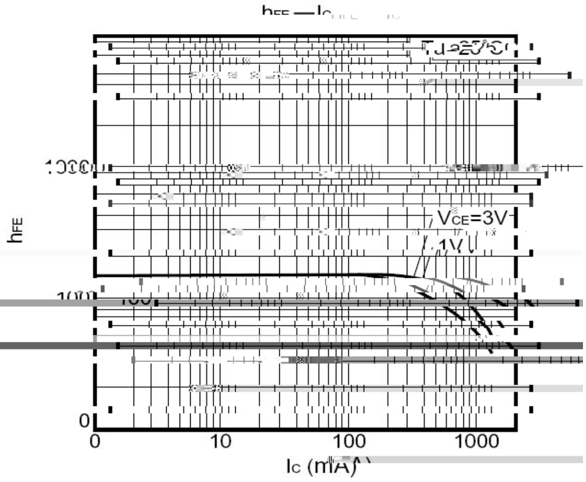
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to Base Voltage. | | | |

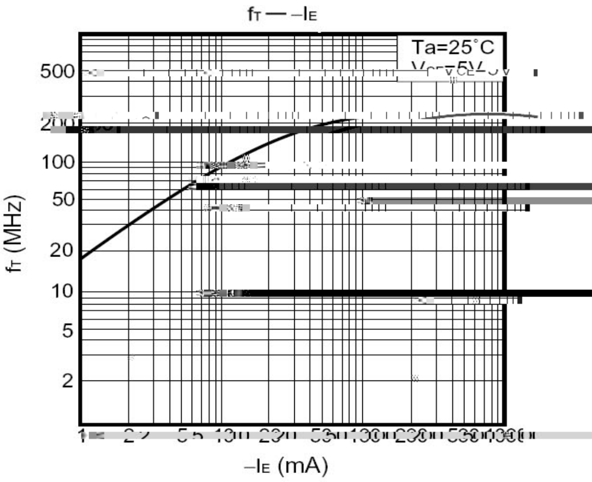
## / Electrical Characteristic Curve

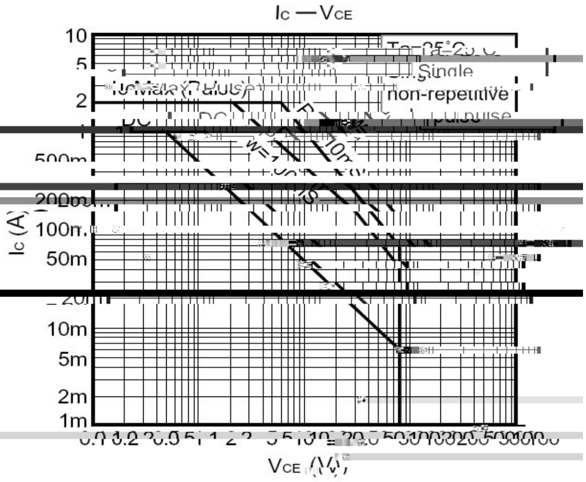






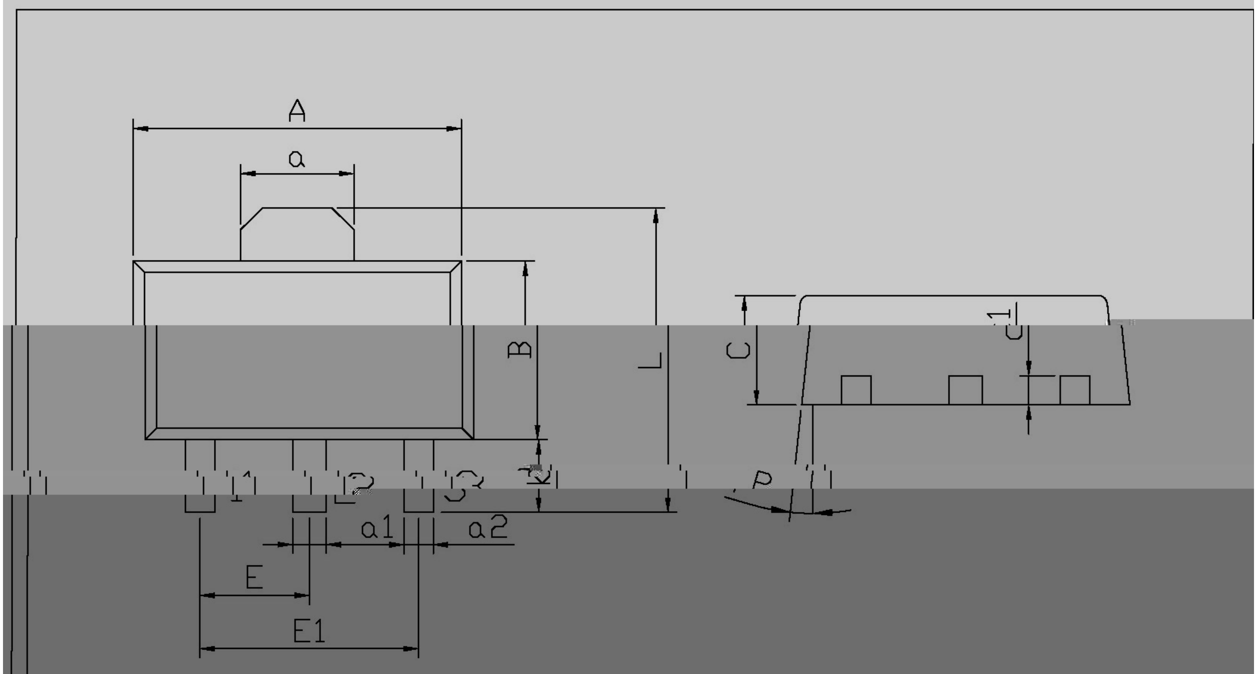






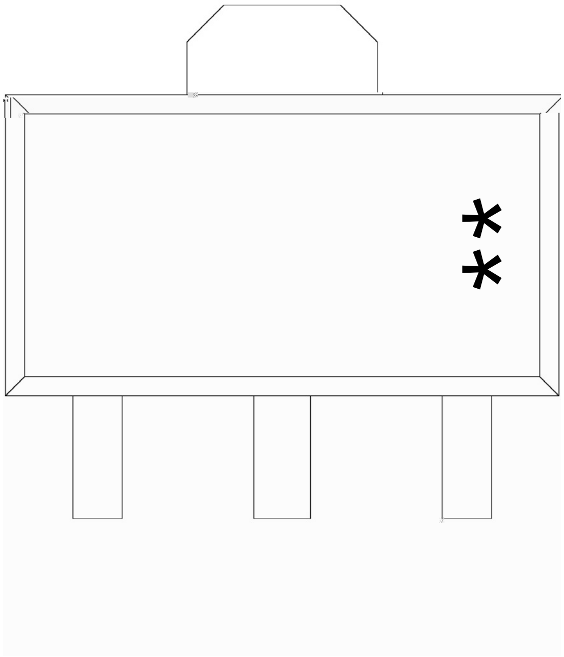
## ᵘ ẺÒ Ḻ ƫ / Package Dimensions

SOT-89 单位：mm



| | Dimensions In Millimeters | | | Dimensions In Millimeters | |
|---|---|---|---|---|---|
| [illegible] | 2.80 | 3.20 | | | |
| b | 0.80 | 1.20 | | | |

## ł˛ L˝Ω / Marking Instructions



H

Z

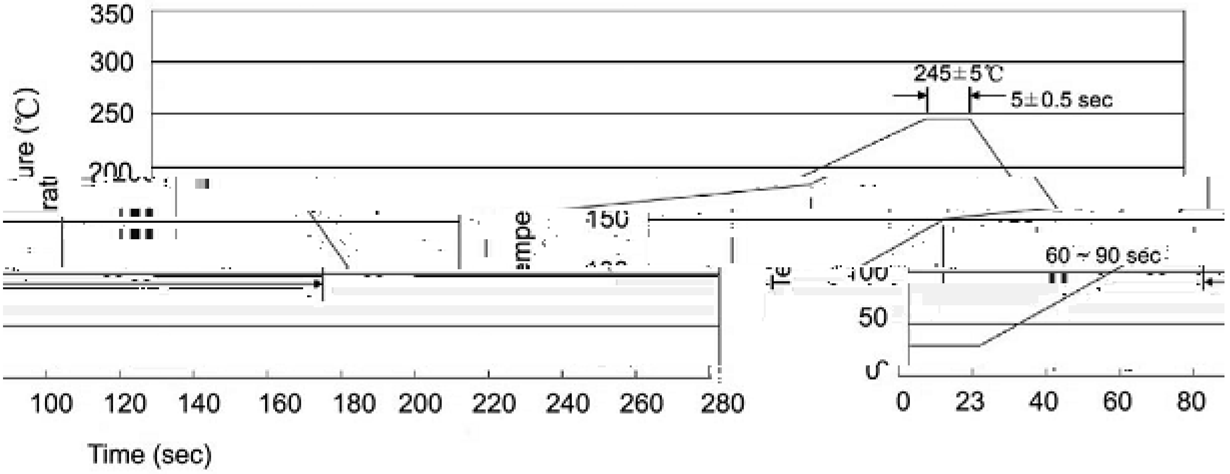
O $h_{FE}$

**

Note:

| | |
|---|---|
| H: | Company Code. |
| Z: | Product Type. |
| O | $h_{FE}$ Classifications Symbol |
| **: | Lot No. Code, code change with Lot No. |

## ꞓʃ ╗ ẘ΄E Ꮙ ƒ(ῷ ढ) / Wh p shudwxuh Sur iloh i ru LU Uhi or z Vr oghulq j+Se0 luhh,



1 25 150 60 90sec;
2 245±5 5±0.5sec;
3 2 10 /sec.

Note:
1.Preheating:25~150 , Time:60~90sec.
2.Peak Temp.:245±5 , Duration:5±0.5sec.
3. Cooling Speed: 2~10 /sec.

## ⅃ ü q ̄ ˋY Ʈ / Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

## ɓ Ŀ ≺— / Packaging SPEC.

/ REEL

| Package Type<br>封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: mm$^3$) | | |
|---|---|---|---|---|---|---|---|---|
| | 只卷盘 | 卷盘盒 | 只盒 | 盒箱 | 只箱 | | 盒 | 箱 |
| | | | | | | | | |

## ä ɐ ʟ῭Ω / Notices