

/ Descriptions

TO-126F NPN Silicon NPN transistor in a TO-126F Plastic Package.

/ Features

High breakdown voltage.

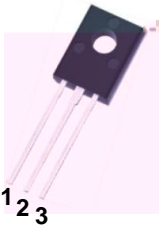
/ Applications

Color TV chroma output and audio out applications.

/ Equivalent Circuit



/ Pinning

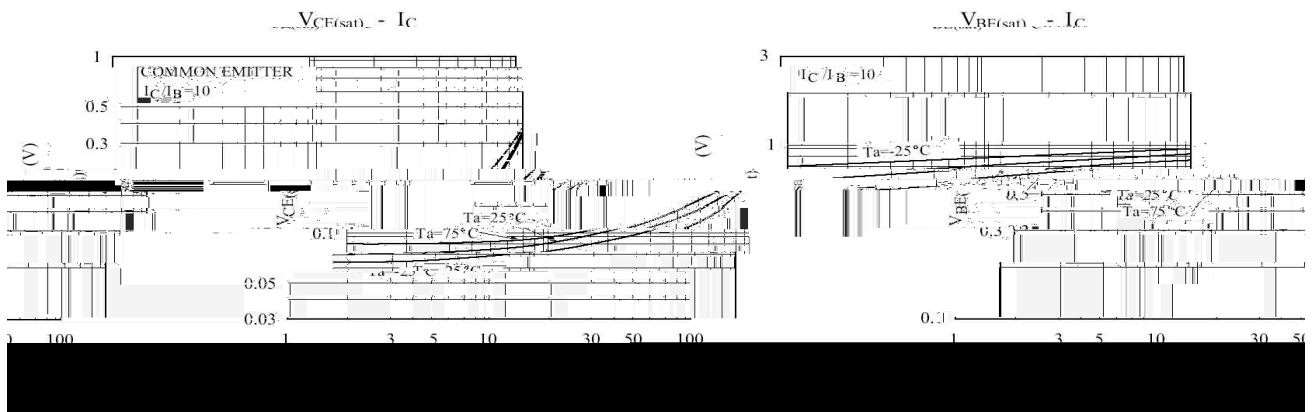
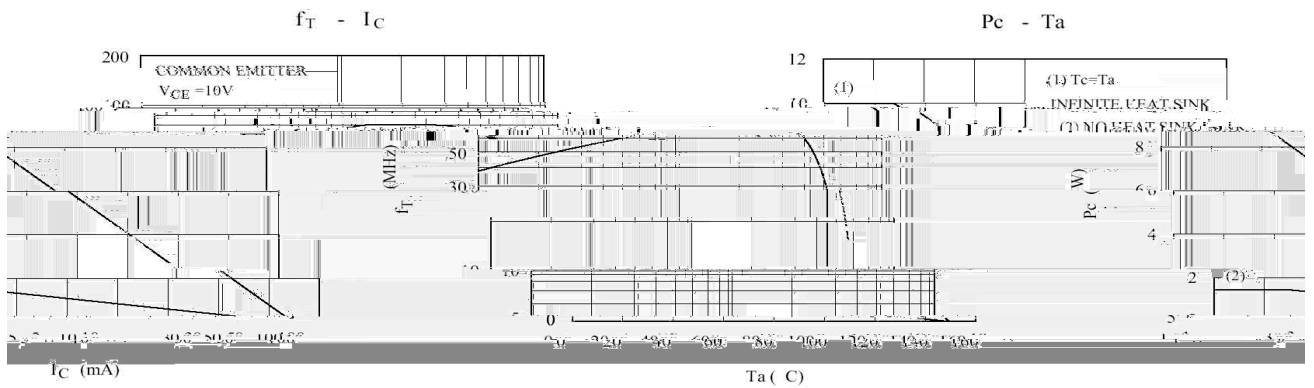
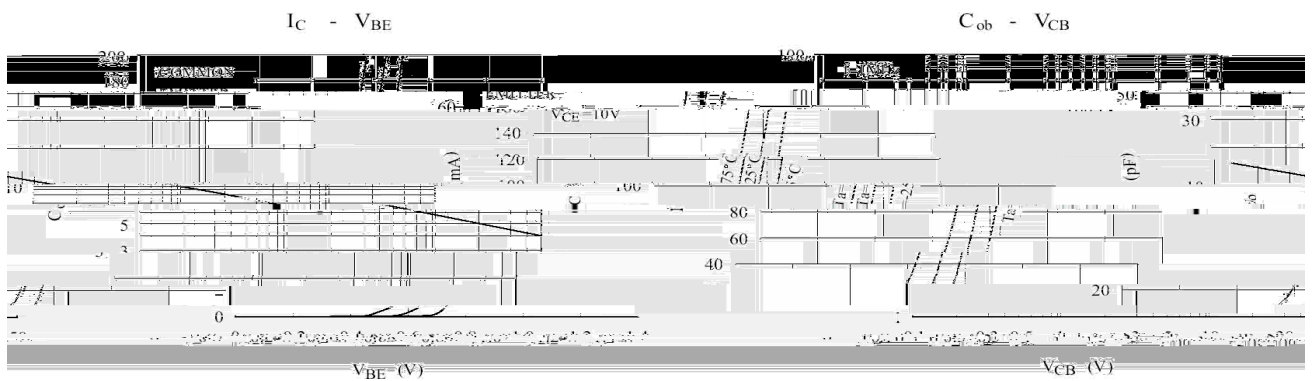
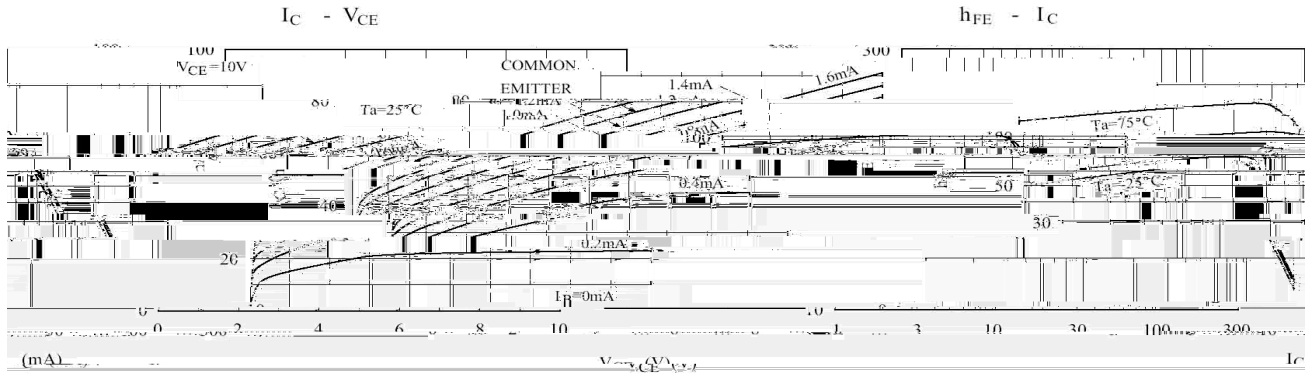


PIN1 Emitter PIN 2 Collector PIN 3 Base

/ h_{FE} Classifications & Marking

| | | |
|---|--------|---------|
| h _{FE} Classifications Symbol | O | Y |
| h _{FE} Range | 60~120 | 100 200 |

/ Electrical Characteristic Curve



KTC4217
Rev.E Mar.-2016

/ Marking Instructions



BR

C4217

O: h_{FE}

Note:

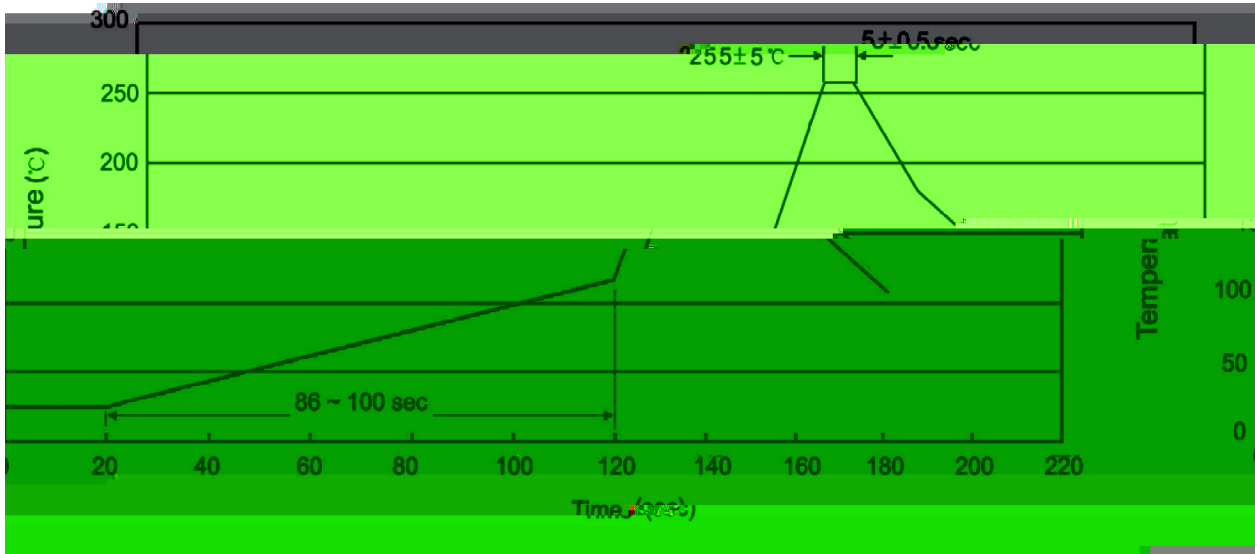
BR: Company Code

C4217: Product Type.

O: h_{FE} Classifications Symbol

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|-----------|----------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 255±5 | | 5±0.5sec; | | 2.Peak Temp.:255±5 , Duration:5±0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

/ BULK

| Package Type 封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: mm ³) | | |
|----------------------|--------------------|-------------------------|------------------------|------------------------------|------------------------|---|-------------|-------------|
| | Units/Tube 只/套管 | Tubes/Inner Box 套管/盒 | Units/Inner Box 只/盒 | Inner Boxes/Outer Box 盒/箱 | Units/Outer Box 只/箱 | Tube 套管 | Inner Box 盒 | Outer Box 箱 |
| TO-126/F | 500 | 6 | 3,000 | 5 | 15,000 | 135×190 | 237×172×102 | 560×245×195 |

/ TUBE

| Package Type 封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: mm ³) | | |
|----------------------|--------------------|-------------------------|------------------------|------------------------------|------------------------|---|-------------|-------------|
| | Units/Tube 只/套管 | Tubes/Inner Box 套管/盒 | Units/Inner Box 只/盒 | Inner Boxes/Outer Box 盒/箱 | Units/Outer Box 只/箱 | Tube 套管 | Inner Box 盒 | Outer Box 箱 |
| TO-126/F | 65 | 26 | 1,690 | 5 | 8,450 | 532×31×5.6 | 555×164×50 | 575×290×180 |

/ Notices