

**/ Descriptions**

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

**/ Features**

High breakdown voltage.

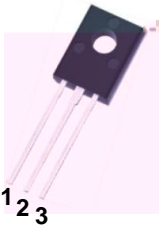
**/ Applications**

Color TV chroma output and audio out applications.

**/ Equivalent Circuit**



**/ Pinning**



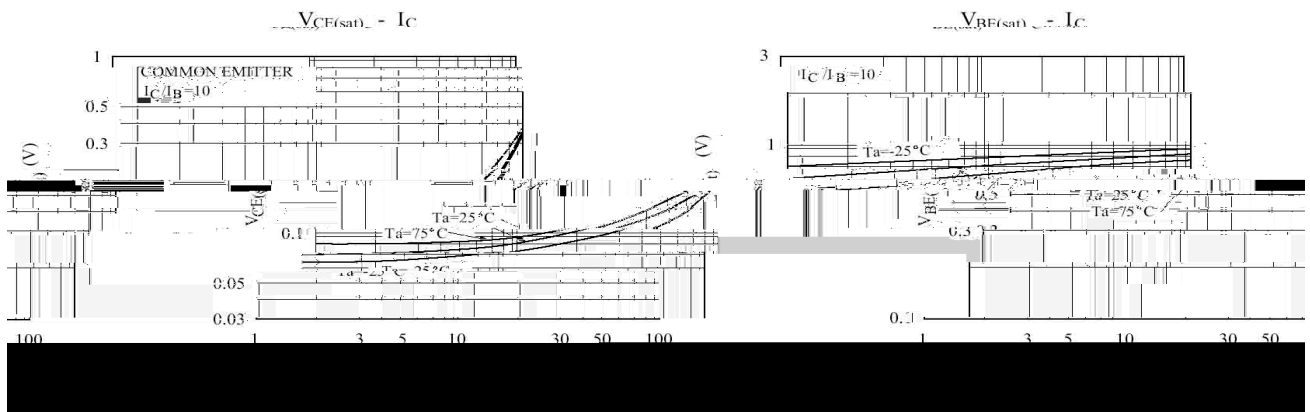
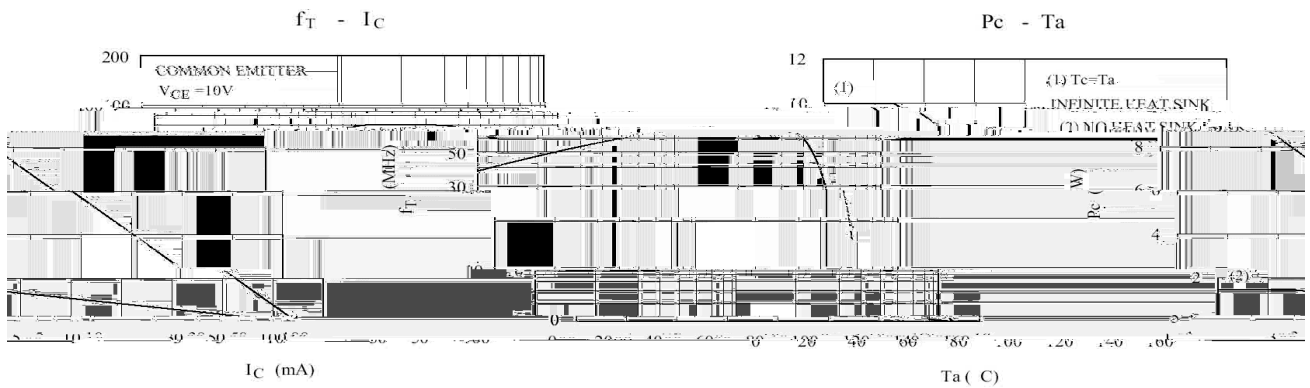
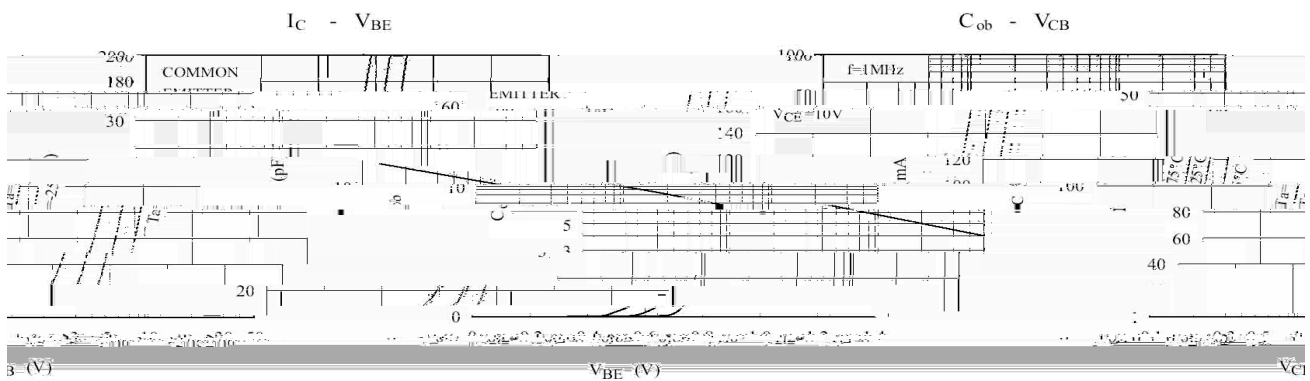
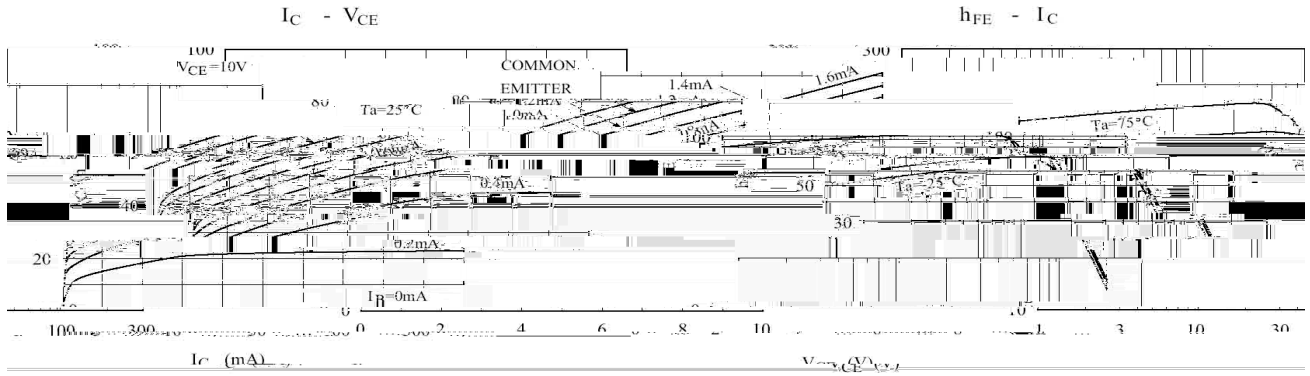
PIN1 Emitter          PIN 2 Collector          PIN 3 Base

**/  $h_{FE}$  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:  $h_{FE}$

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Note:

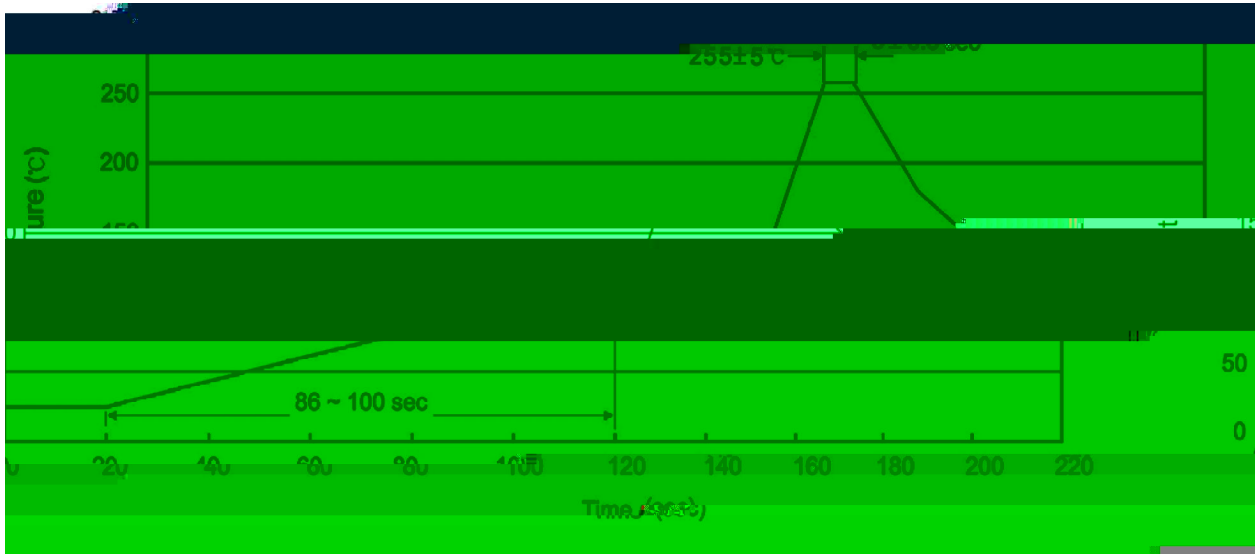
BR: Company Code

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±0.5 | sec;     | 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 <sup>3</sup> )		
	只 套管	套管 盒	只 盒	盒 箱	只 箱	套管	盒	箱

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm <sup>3</sup> )		
	只 套管	套管 盒	只 盒	盒 箱	只 箱	套管	盒	箱

/ Notices