/ Descriptions

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

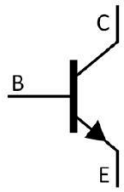
/ Features

High breakdown voltage.

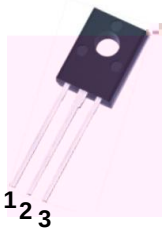
/ Applications

Color TV chroma output and audio out applications.

/ Equivalent Circuit



/ Pinning



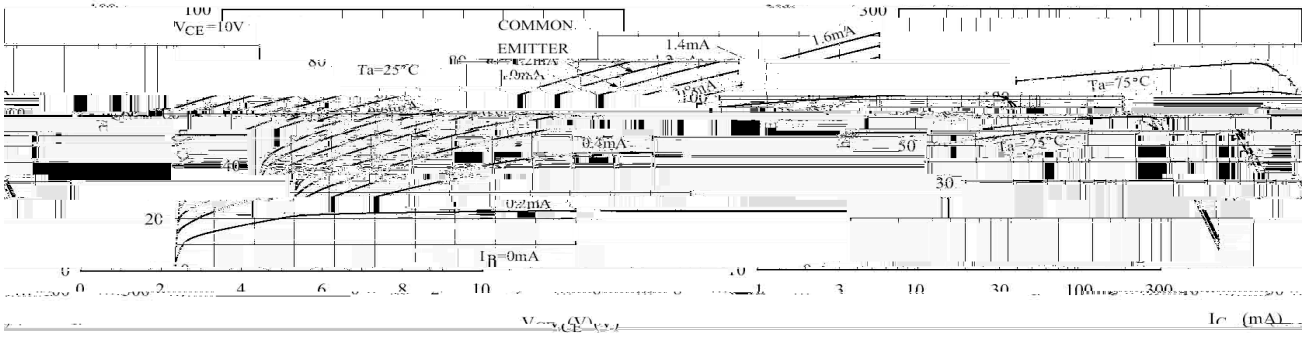
PIN1 Emitter PIN 2 Collector PIN 3 Base

/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	O	Y
h_{FE} Range	60~120	100 200

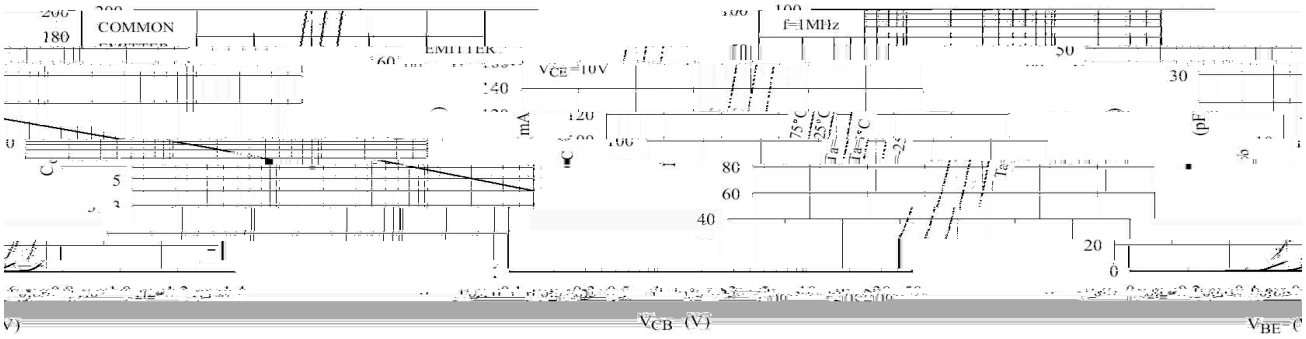
/ Electrical Characteristic Curve

I_C - V_{CE}



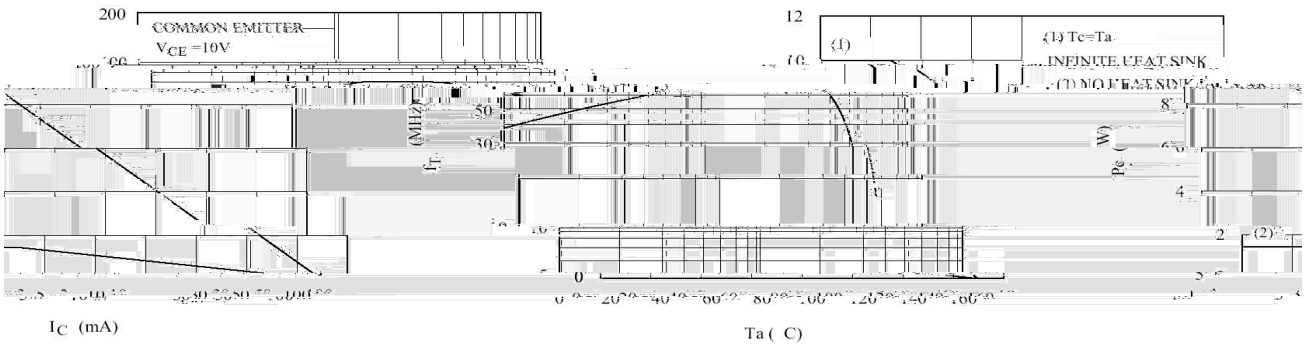
h_{FE} - I_C

I_C - V_{BE}



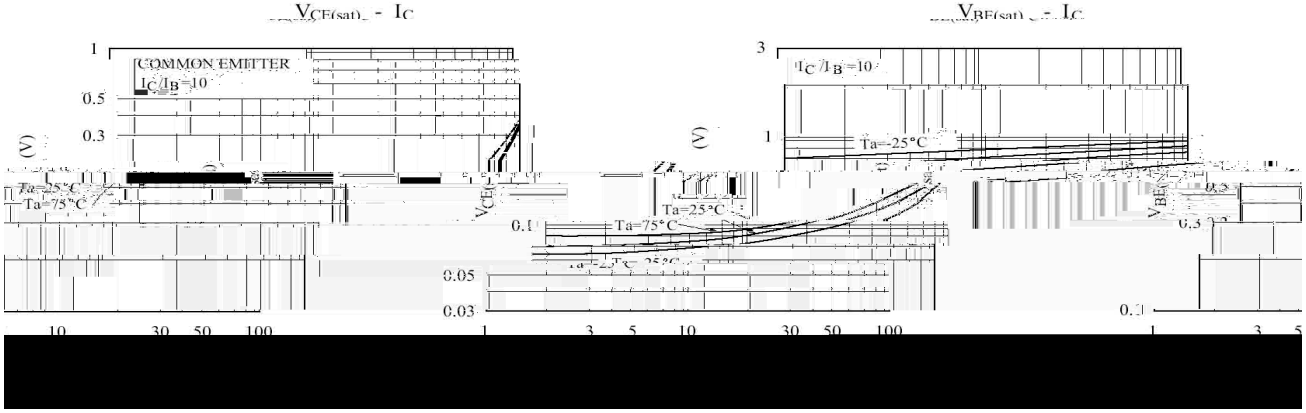
C_{ob} - V_{CB}

f_T - I_C



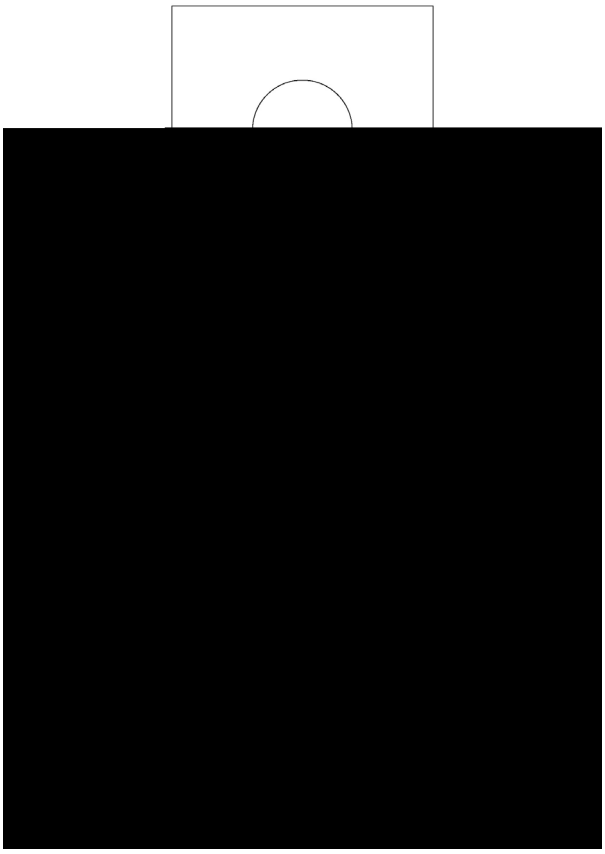
Pc - Ta

$V_{CE(sat)}$ - I_C



$V_{BE(sat)}$ - I_C

/ Marking Instructions



BR

C4217

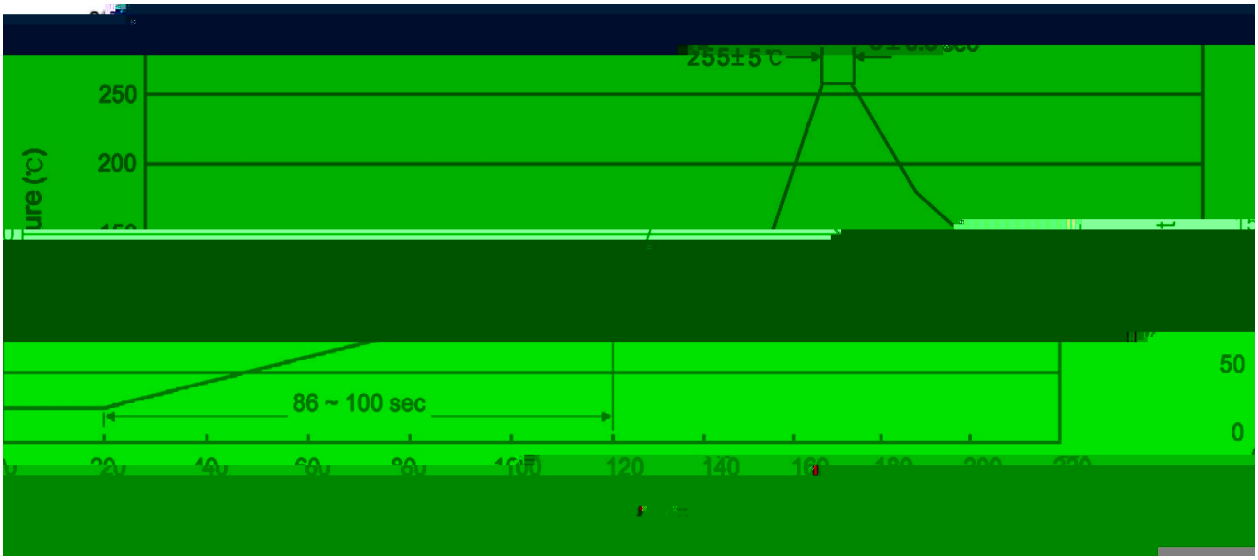
O: h_{FE}

****

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)		
	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^3)		
	只 套管	套管 盒	只 盒	盒 箱	只 箱	套管	盒	箱

/ Notices