

2SC2258(A)

Rev.E Mar.-2016

/ Descriptions

TO-126F

NPN

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

/ Features

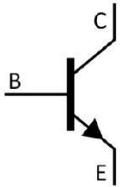
, f_T

High V_{CEO} , high f_T .

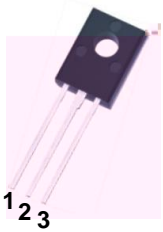
/ Applications

High voltage general amplifier, TV video output amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Emitter

PIN 2 Collector

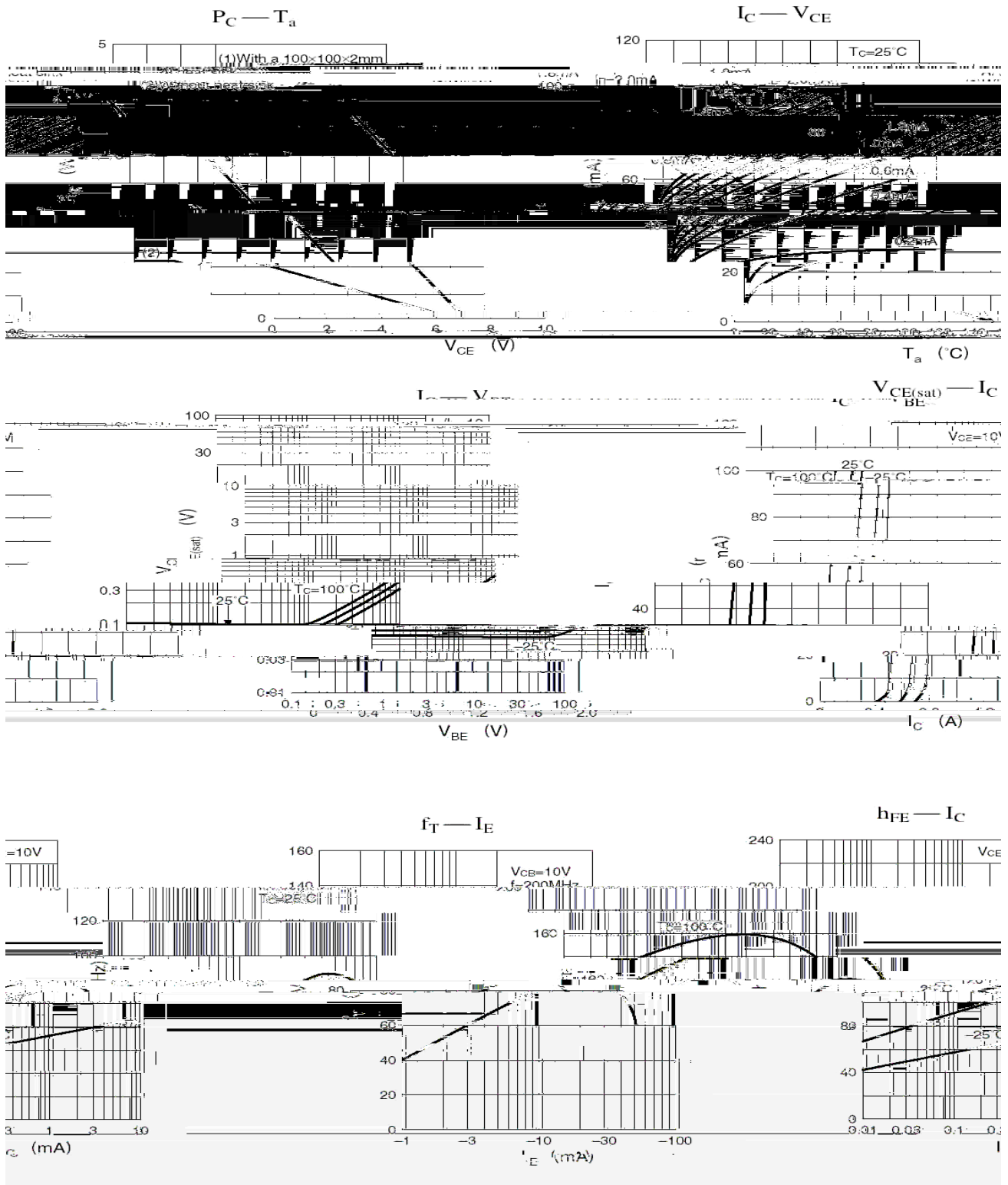
PIN 3 Base

/ h_{FE} Classifications & Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	250	V

/ Electrical Characteristic Curve



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/ Marking Instructions



BR

C2258A

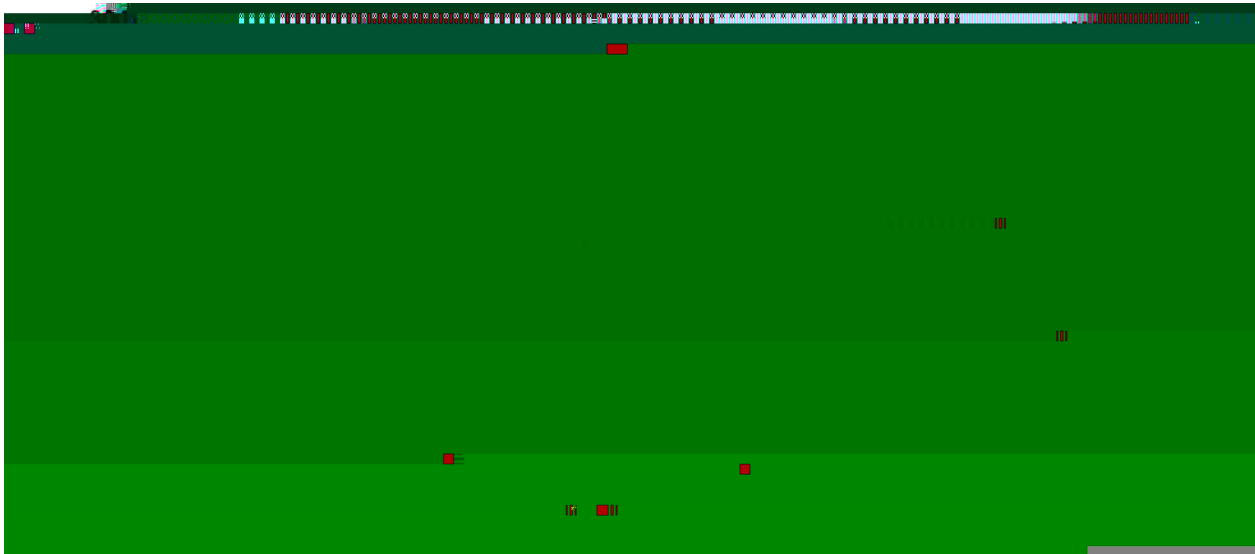
Note:

BR: Company Code

C2258A: Product Type.

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

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



- | | | | | | | |
|---|-------|-----|-------|----------|-------|---|
| 1 | 25 | 150 | 60 | 90sec; | Note: | 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	Units				Dimension (unit mm ³)		

/ TUBE

Package Type	Units				Dimension (unit mm ³)		

/ Notices