

**/ Descriptions**

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

**/ Features**

Complementary pair with 2SA715.

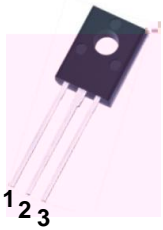
**/ Applications**

Low frequency power amplifier.

**/ Equivalent Circuit**



**/ Pinning**



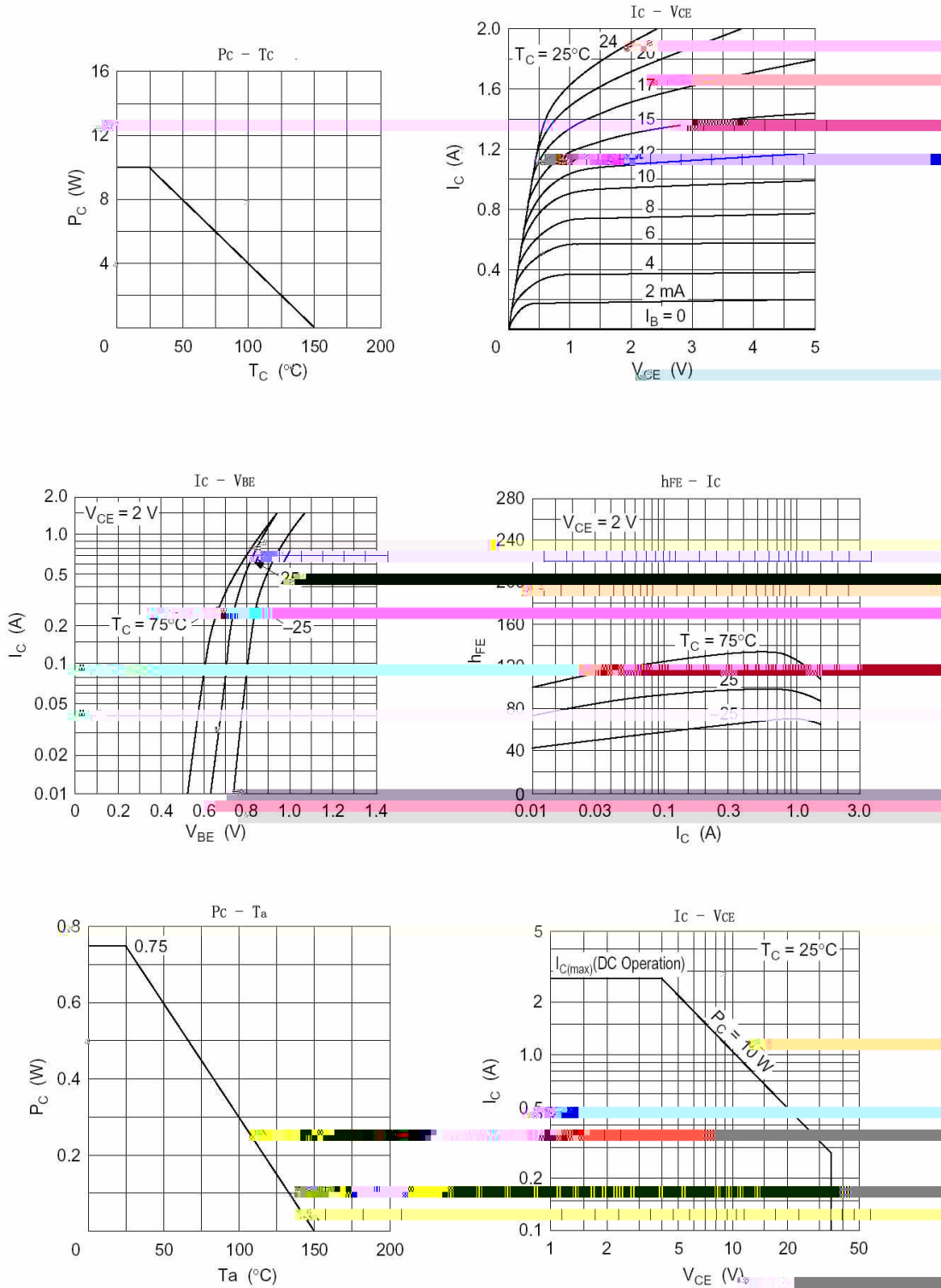
PIN1 Emitter      PIN 2 Collector      PIN 3 Base

**/  $h_{FE}$  Classifications & Marking**

$h_{FE}$ Classifications Symbol	B	C	D
$h_{FE}$ Range	60 120	100 200	160 320

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	35	V

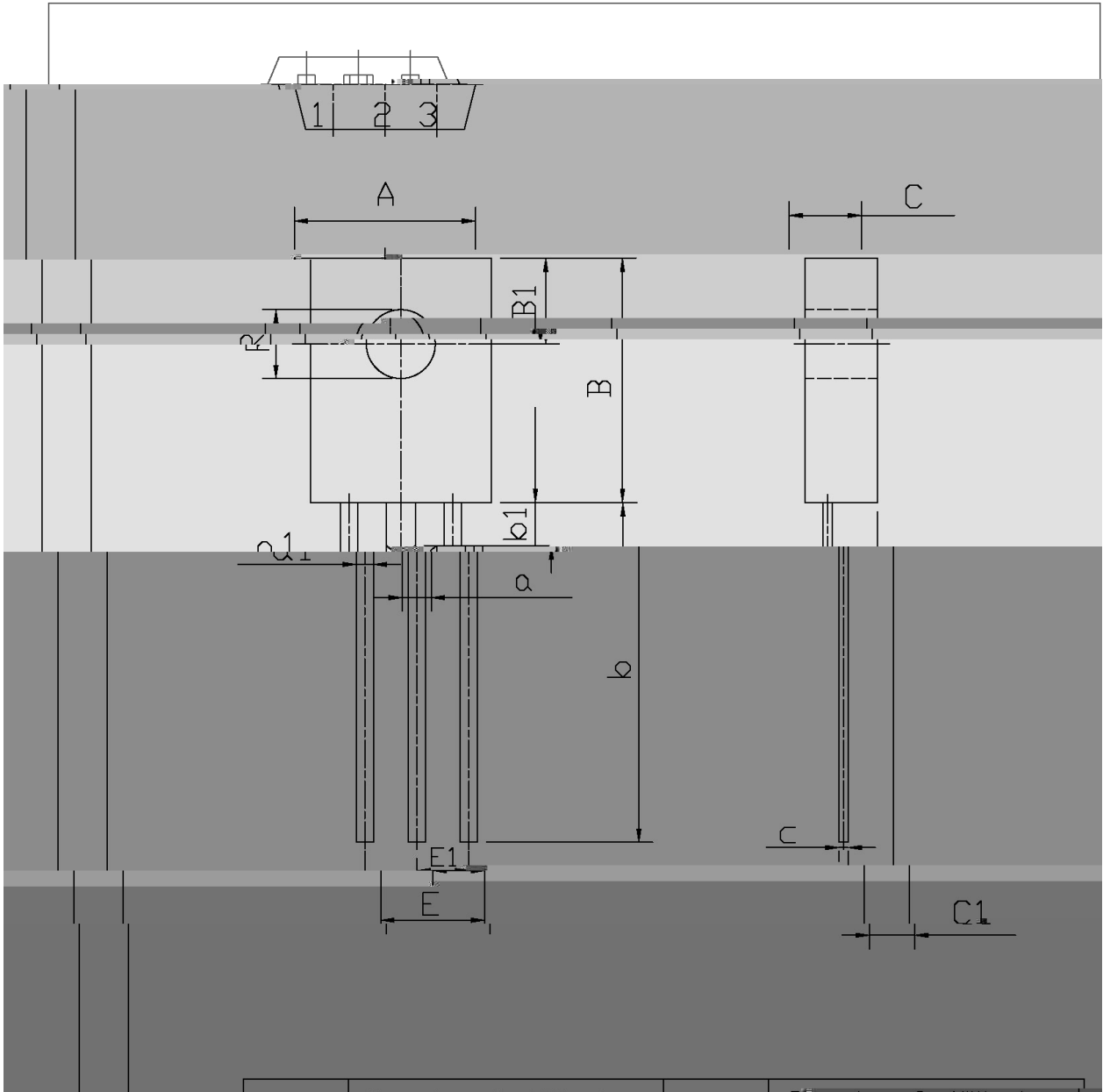
**/ Electrical Characteristic Curve**



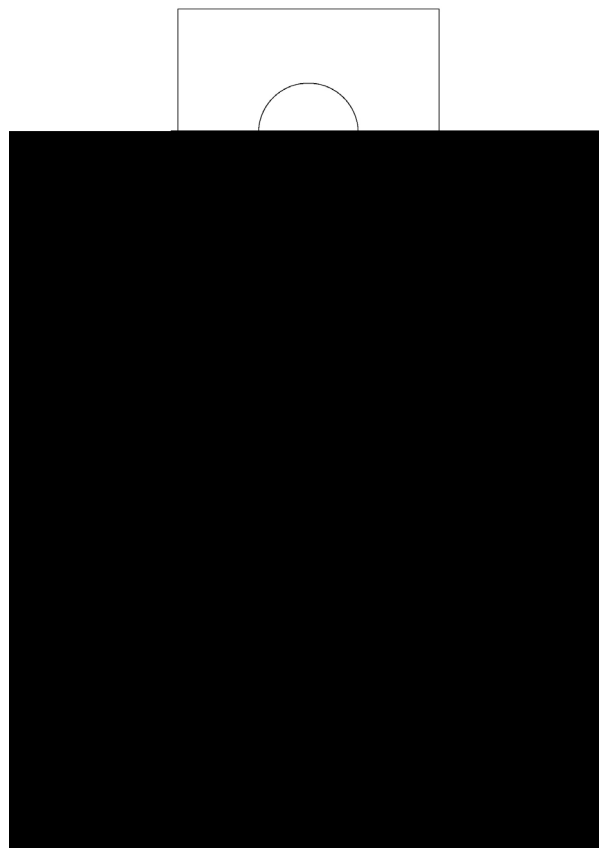
/ Package Dimensions

TU-126F

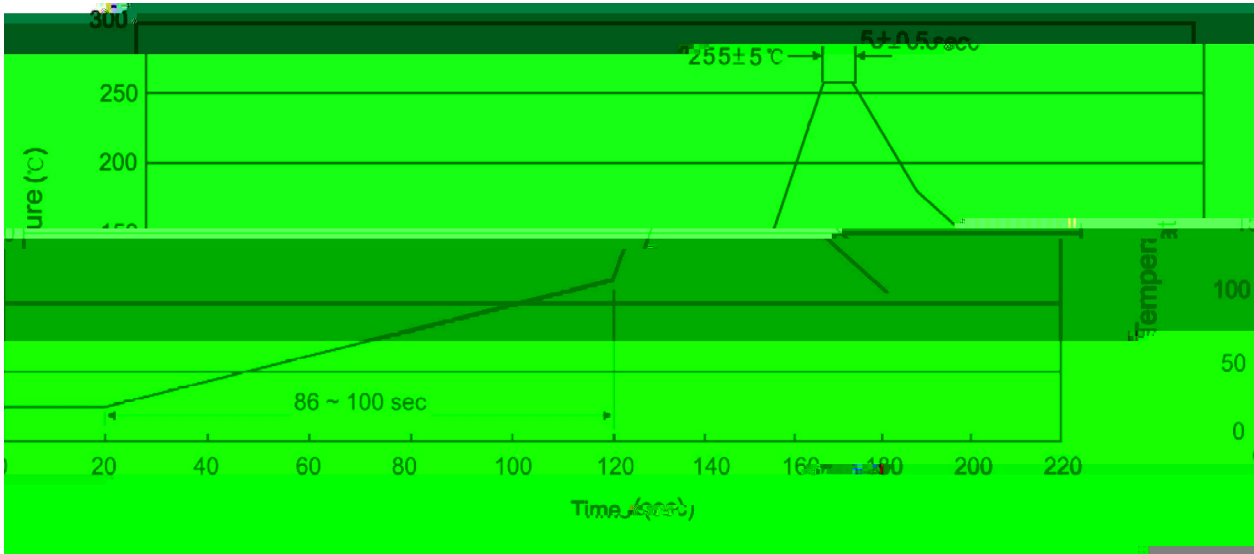
单位: mm



Symbol	Min	Max	Symbol	Min	Max
A	7.8	8.2	a1	0.65	
B	10.0	11.0			



( ) / 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	Units				Dimension (unit mm <sup>3</sup> )		

/ TUBE

Package Type	Units				Dimension (unit mm <sup>3</sup> )		