

**/ Descriptions**

Silicon PNP transistor in a TO-18 Plastic Package.

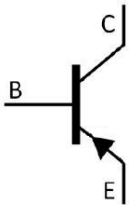
**/ Features**

Complementary pair with 2SC1162.

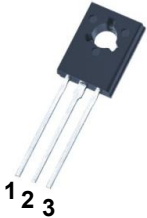
**/ Applications**

Low frequency power amplifier applications.

**/ Equivalent Circuit**



**/ Pinning**



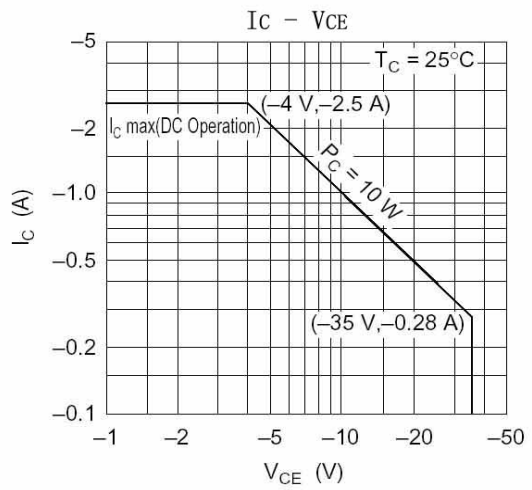
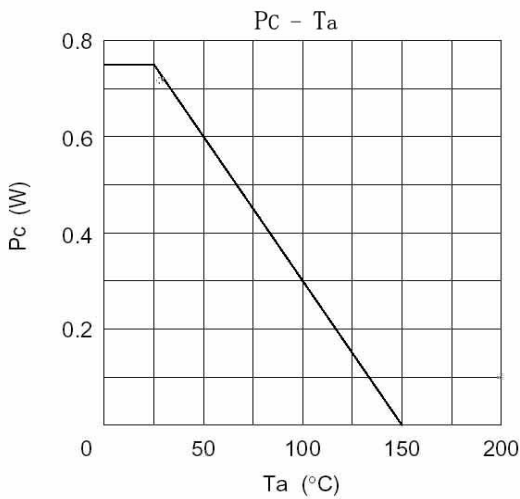
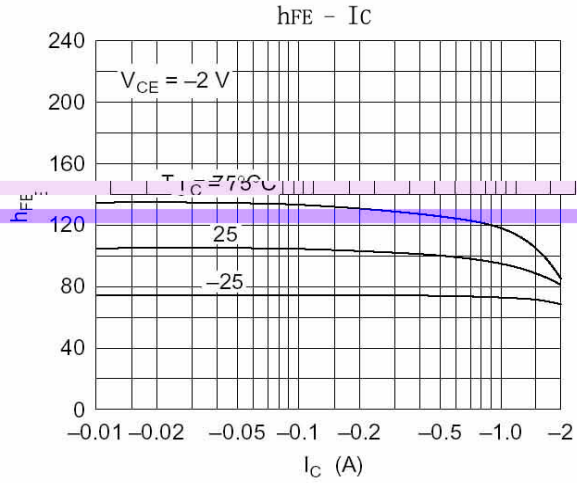
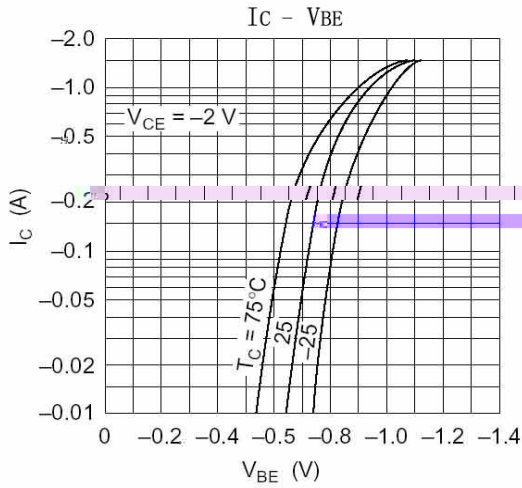
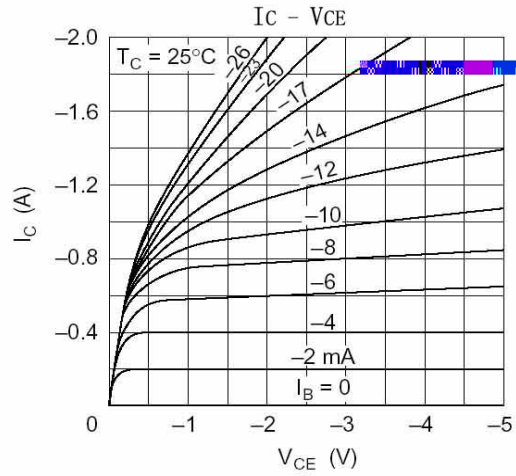
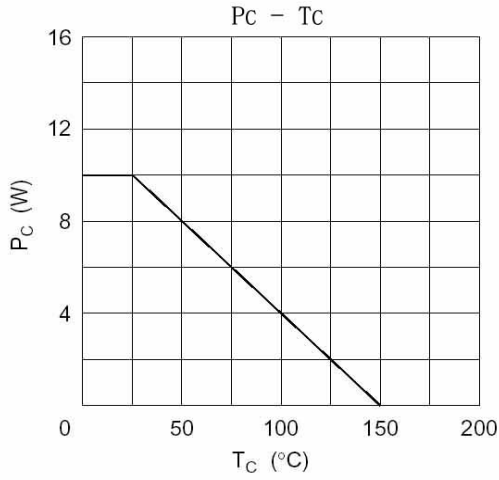
PIN1 Emitter      PIN 2 Collector      PIN 3 Base

**/  $h_{FE}$  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
Collector to Emitter Voltage	$V_{CEO}$	-35	V
Emitter to Base Voltage	$V_{EBO}$	-5.0	V
Collector Current - Continuous	$I_C$	-2.5	A
Peak Collector Current	$I_{CP}$	-3.0	A
Collector Power Dissipation	$P_C$	750	mW
Collector Power Dissipation	$P_C(T_c=25 \text{ }^\circ\text{C})$	10	W
Junction Temperature	$T_j$	150	T

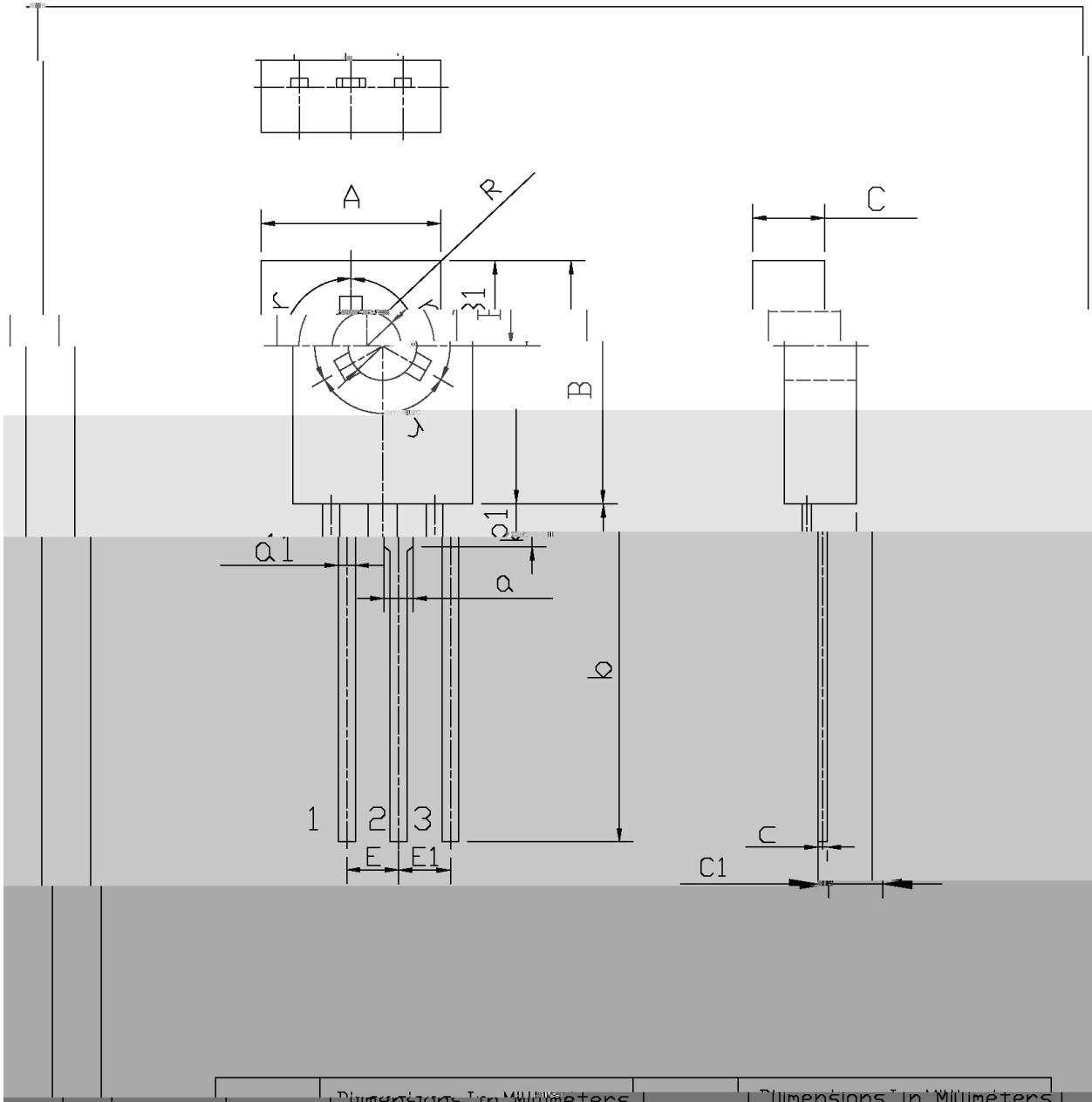
/ **Electrical Characteristic Curve**



/ Package Dimensions

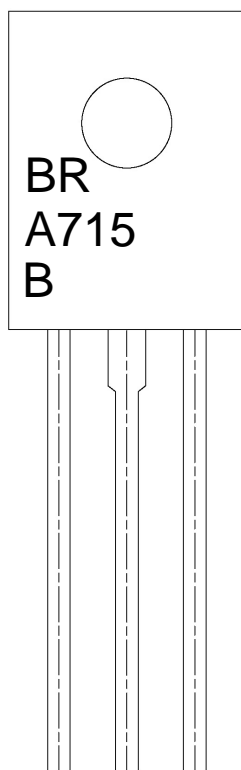
T0-126

单位: mm



Symbol	Dimensions, In. Millimeters, L		Symbol	Dimensions, In. Millimeters, L	
	Min	Max		Min	Max
A	7.8	8.2	a1	0.66	0.86
B	10.6	11.0	E	2.1	2.5
B1	3.6	4.0	C	2.7	2.9
R	2.9	3.3	C1	1.57	1.77
b	14	16	c	0.3	0.6
b1	1.9		a	1.37	
E1	2.1	2.5	r	120°	

/ Marking Instructions



Note:

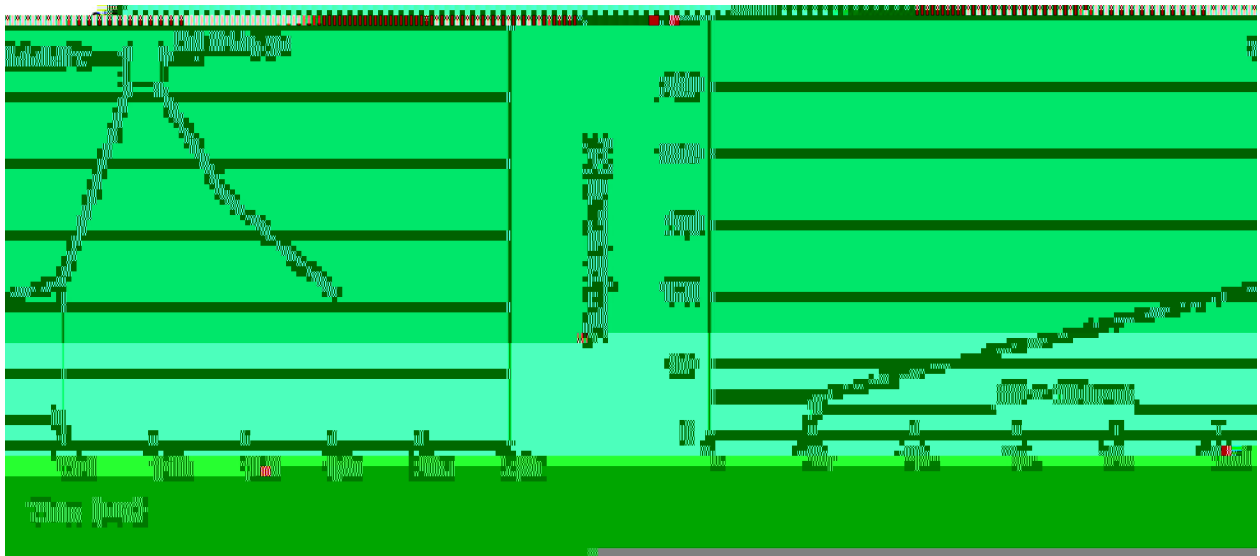
BR: Company Code

A715: Product Type.

B:  $h_{FE}$  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 <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