

/ Descriptions

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

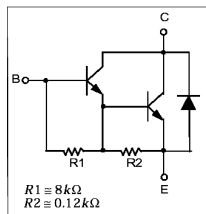
/ Features

TIP127L
Complement to TIP127L.

/ Applications

Medium power linear switching applications.

/ Equivalent Circuit



/ Pinning

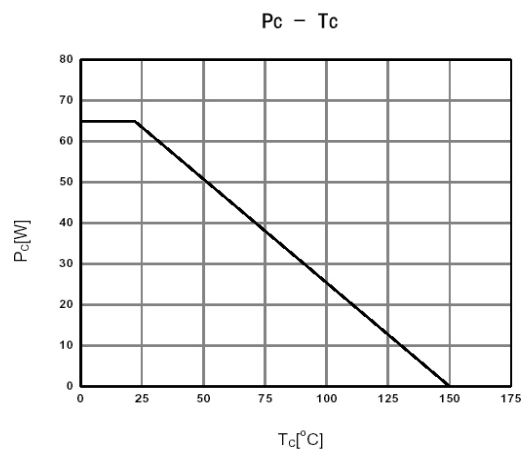
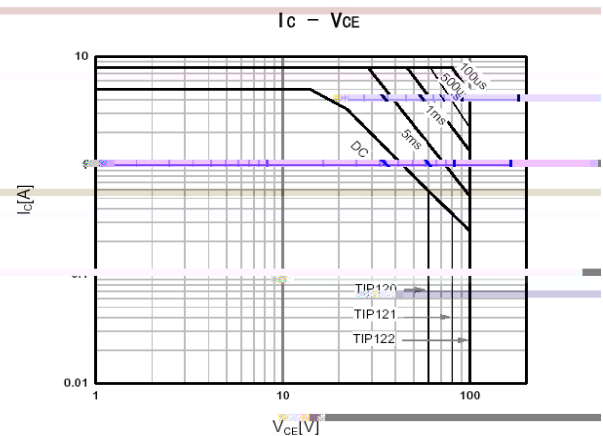
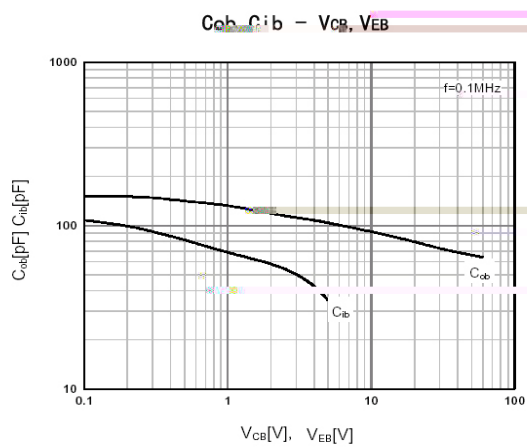
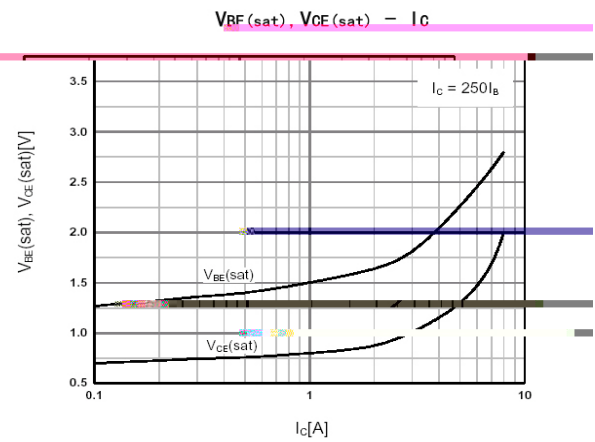
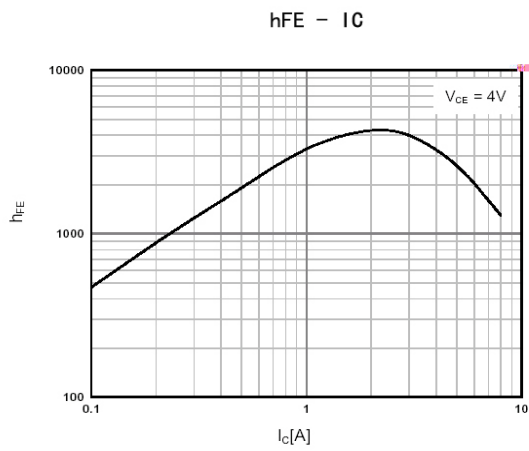


PIN1 Emitter PIN 2 Collector PIN 3 Base

/ h_{FE} Classifications & Marking

See Marking Instructions.

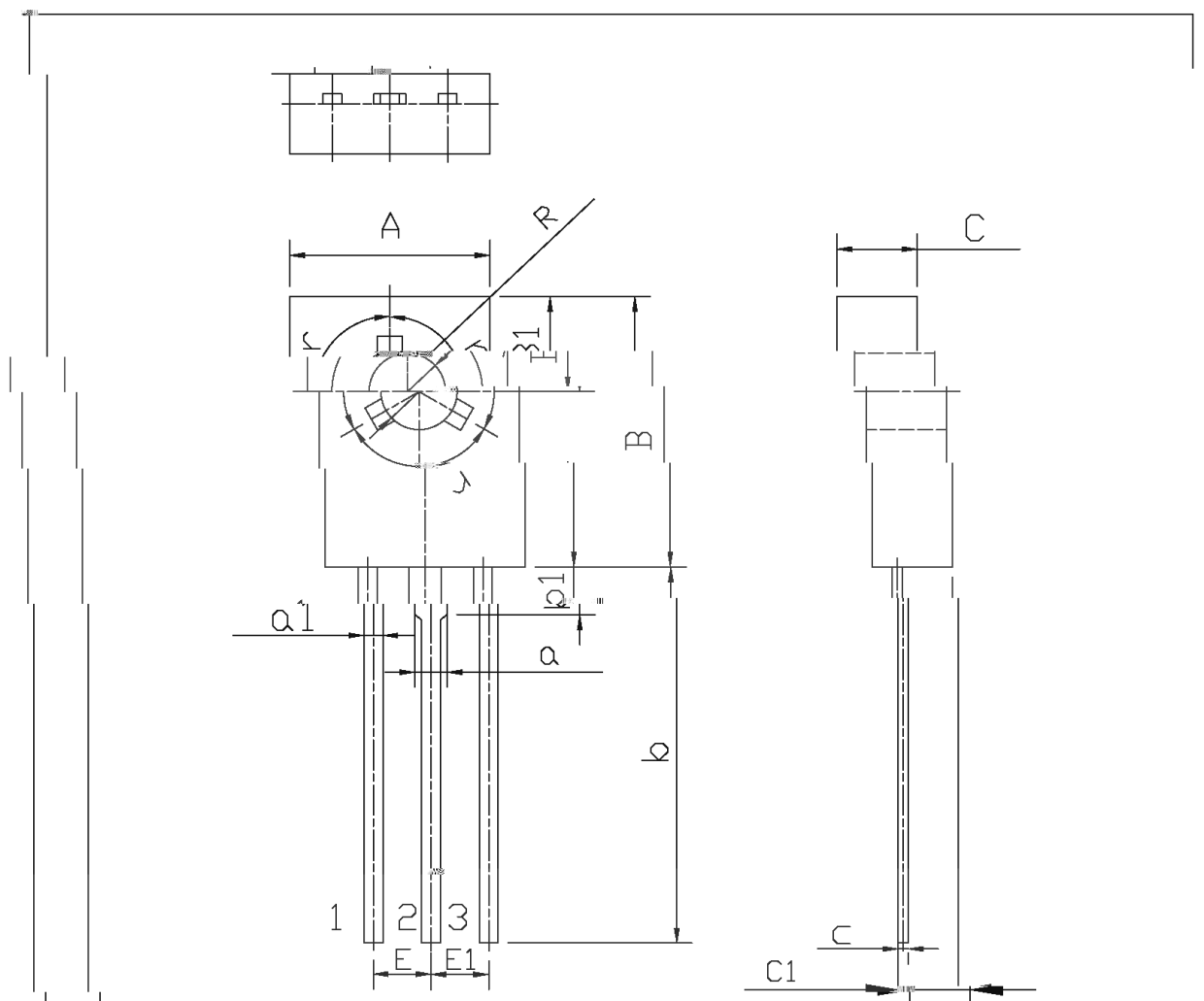
/ Electrical Characteristic Curve



/ Package Dimensions

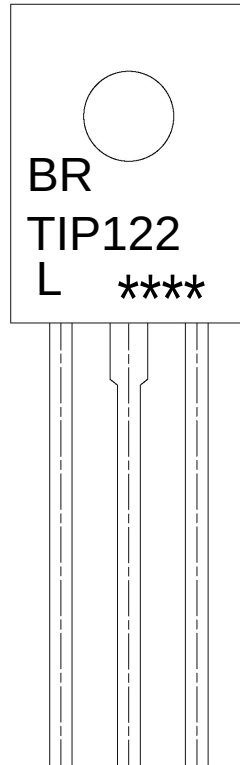
T□-126

单位: mm



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	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



BR

TIP122

L:

TO-126

Note:

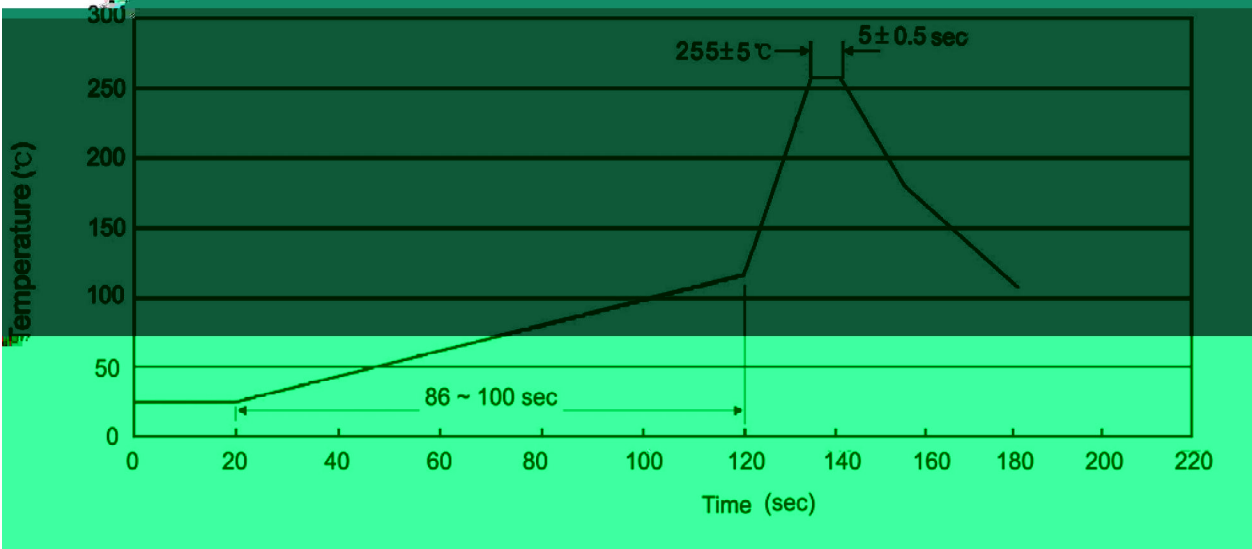
BR: Company Code

TIP122: Product Type.

L: TO-126 Package

****: 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