

BC549

Rev.E Mar.-2016

/ Descriptions

TO-92(R) NPN Silicon NPN transistor in a TO-92(R) Plastic Package.

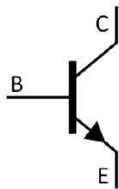
/ Features

High Voltage, Low Noise.

/ Applications

General purpose and switching application.

/ Equivalent Circuit



/ Pinning

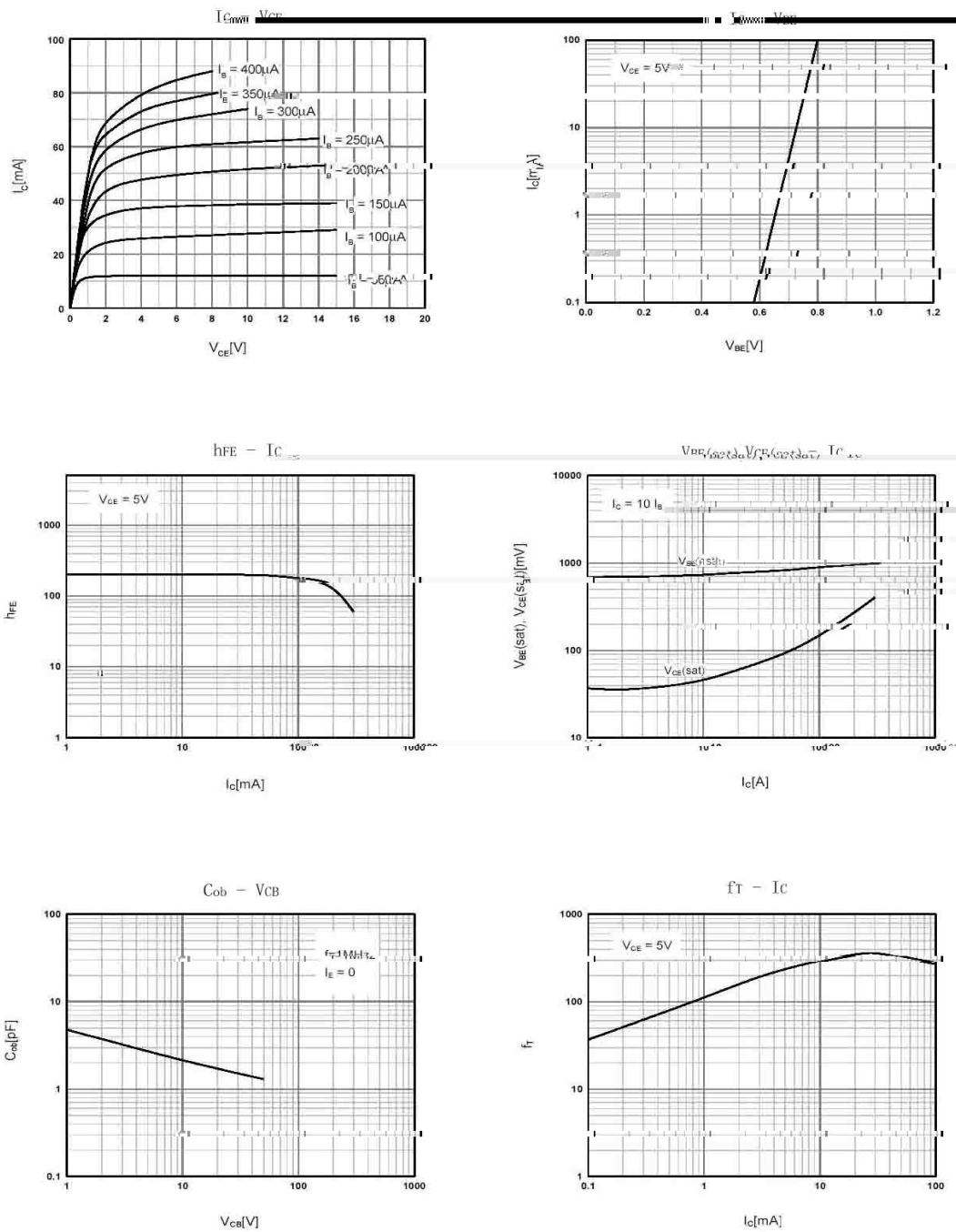


PIN1 Emitter PIN 2 Base PIN 3 Collector

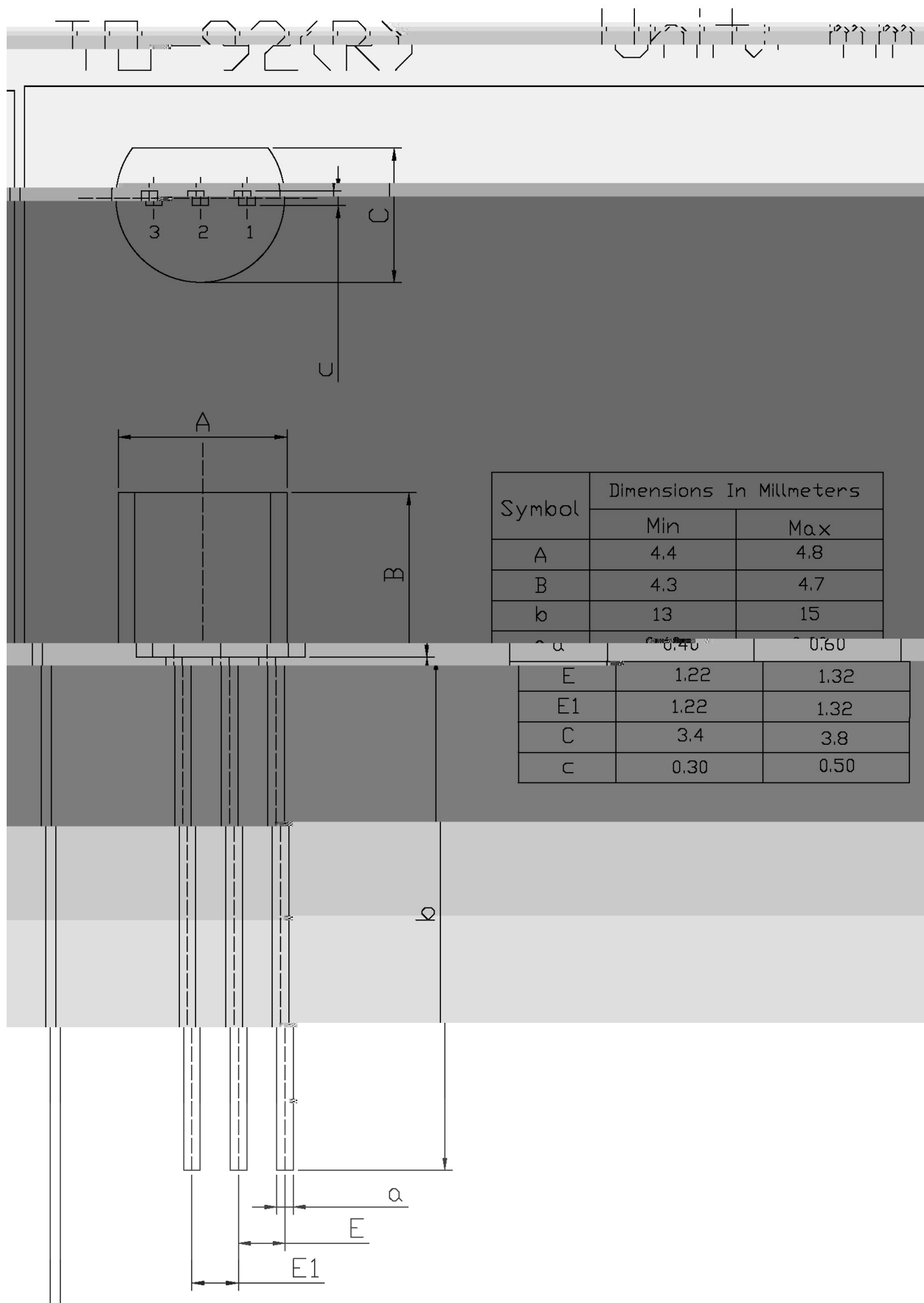
/ h_{FE} Classifications & Marking

h_{FE} Classifications	A	B	C
Symbol			
h_{FE} Range			

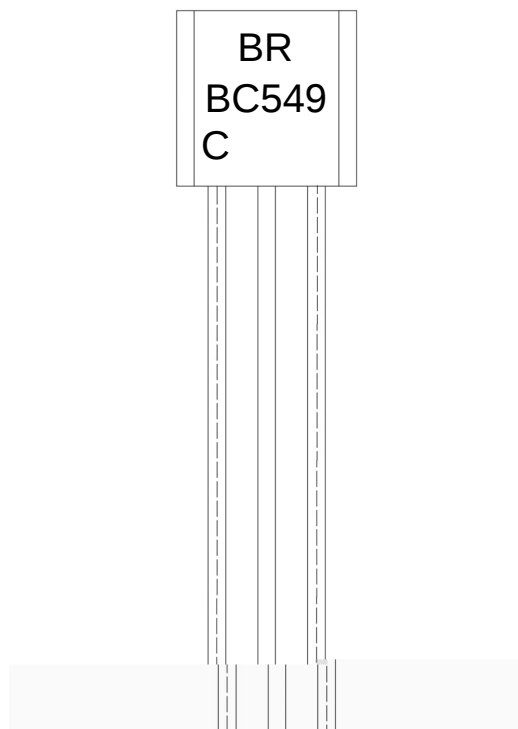
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

BC549

C h_{FE}

Note:

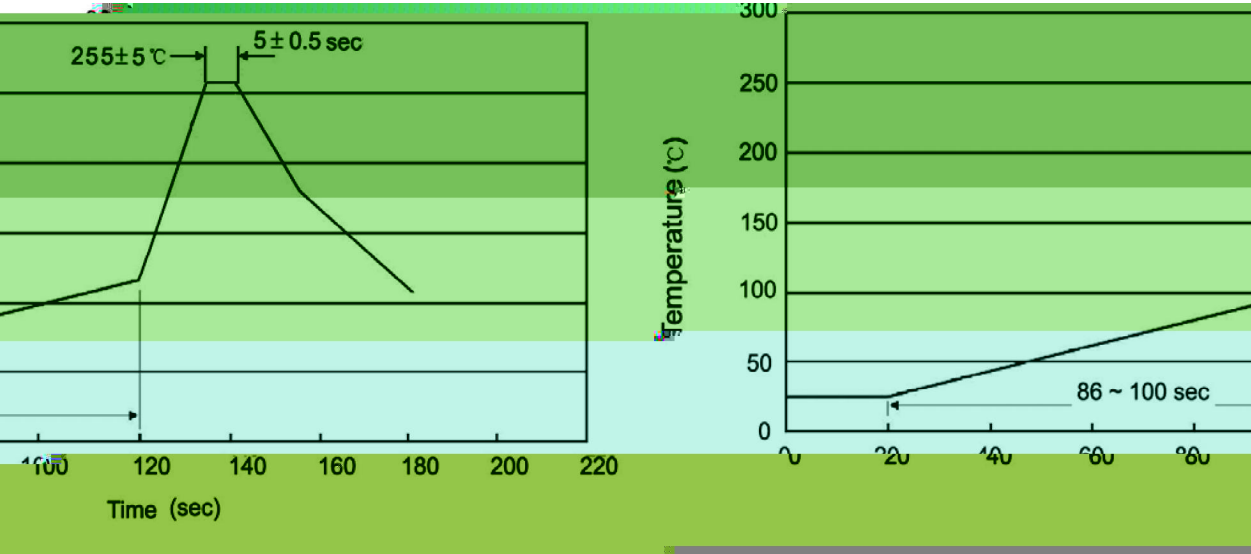
BR: Company Code.

BC549: Product Type.

C 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
/sec. 1.58290(143 T30 Tc1 T₀₁₀₅)T₀₁₀₅sec.