

/ Descriptions

Silicon NPN transistor in a TO-92 Plastic Package.

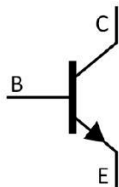
/ Features

High current gain.

/ Applications

Applications requiring extremely high current gain device designed.

/ Equivalent Circuit



/ Pinning

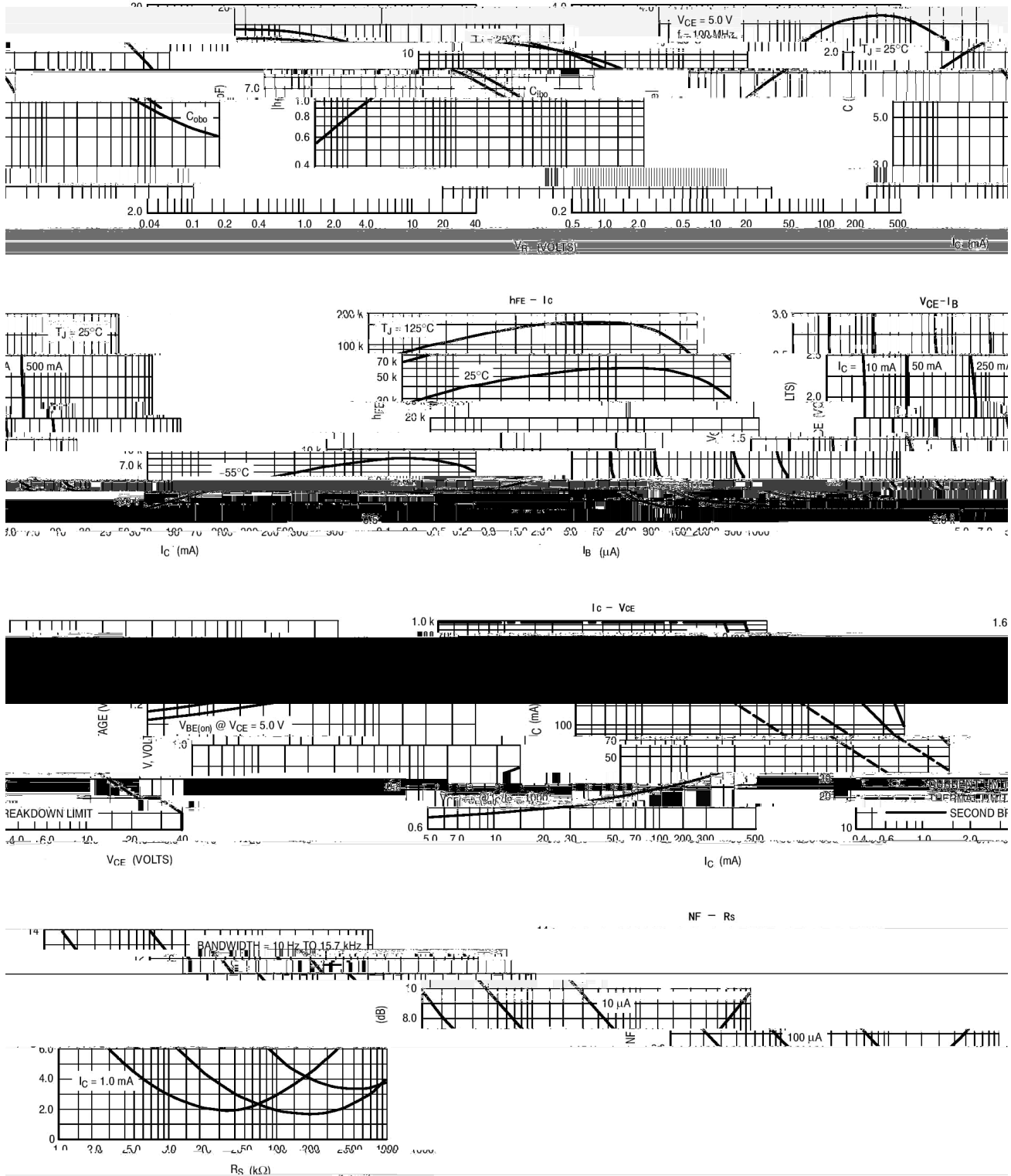


PIN1 Collector PIN 2 Base PIN 3 Emitter

/ hFE Classifications & Marking

See Marking Instructions.

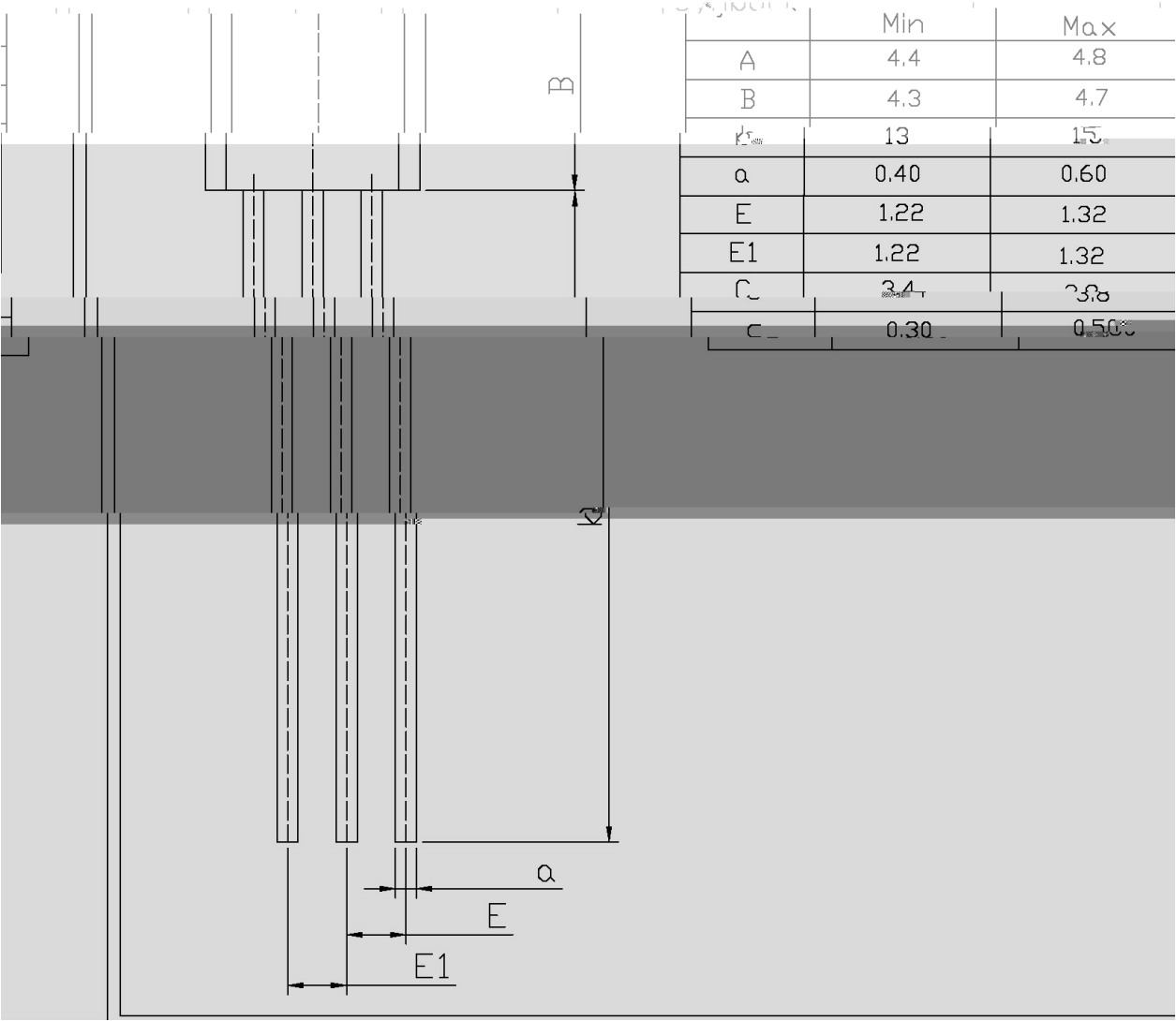
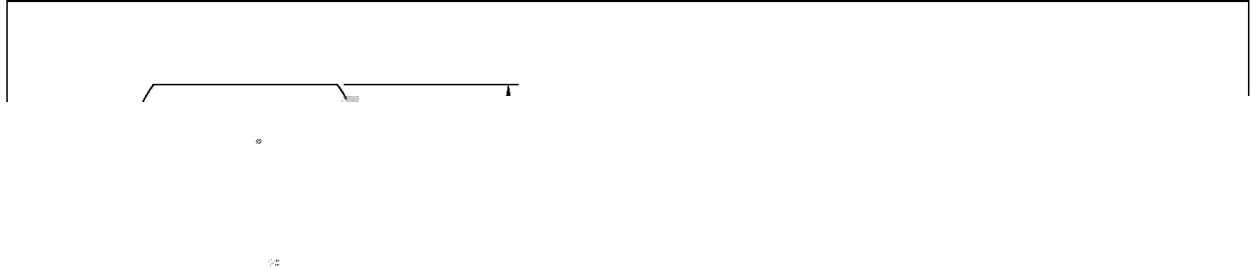
/ Electrical Characteristic Curve



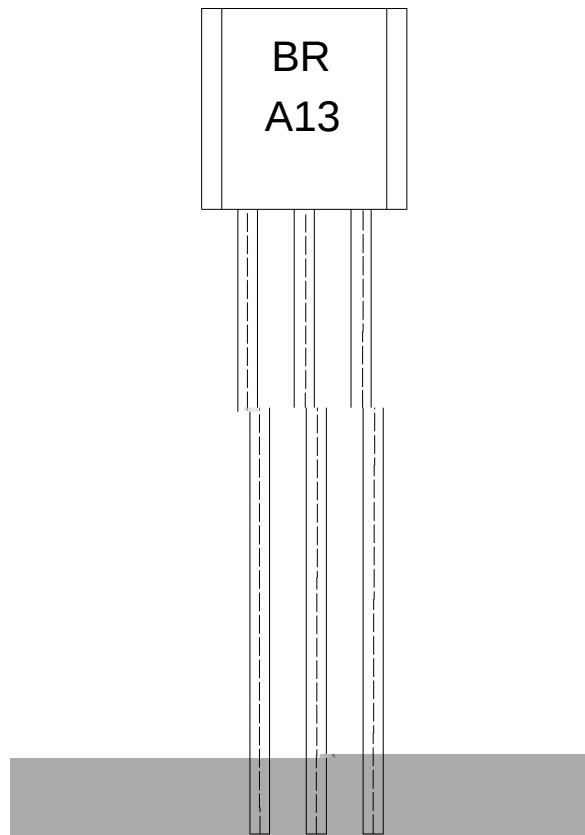
/ Package Dimensions

TO-92

Unit: mm



/ Marking Instructions



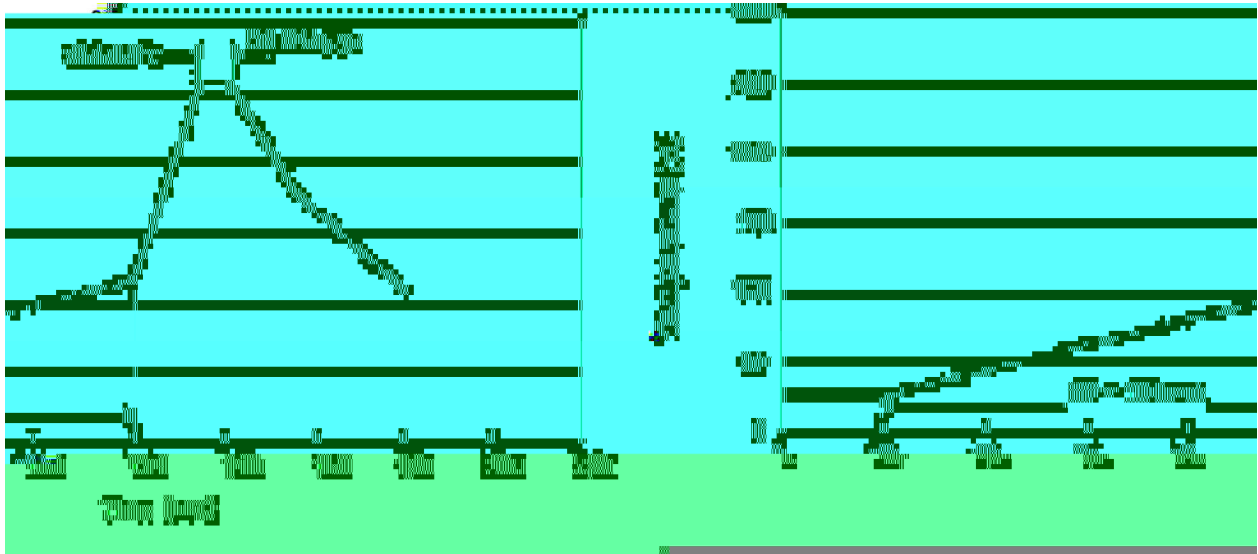
Note:

BR: Company Code.

A13: Product Type.

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

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



Note:

- 1 25 150 60 90sec;
- 2 255 5 5 0.5sec;
- 3 2 10 /sec.

- 1.Preheating:25~150 , Time:60~90sec.
- 2.Peak Temp.:255 5 , Duration:5 0.5sec.
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 mm3)

/ AMMO

Package Type	Units					Dimension		(unit mm3)