

### / Descriptions

TO-92          NPN          Silicon NPN transistor in a TO-92 Plastic Package.

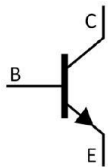
### / Features

High current gain.

### / Applications

Applications requiring extremely high current gain device designed.

### / Equivalent Circuit



### / Pinning



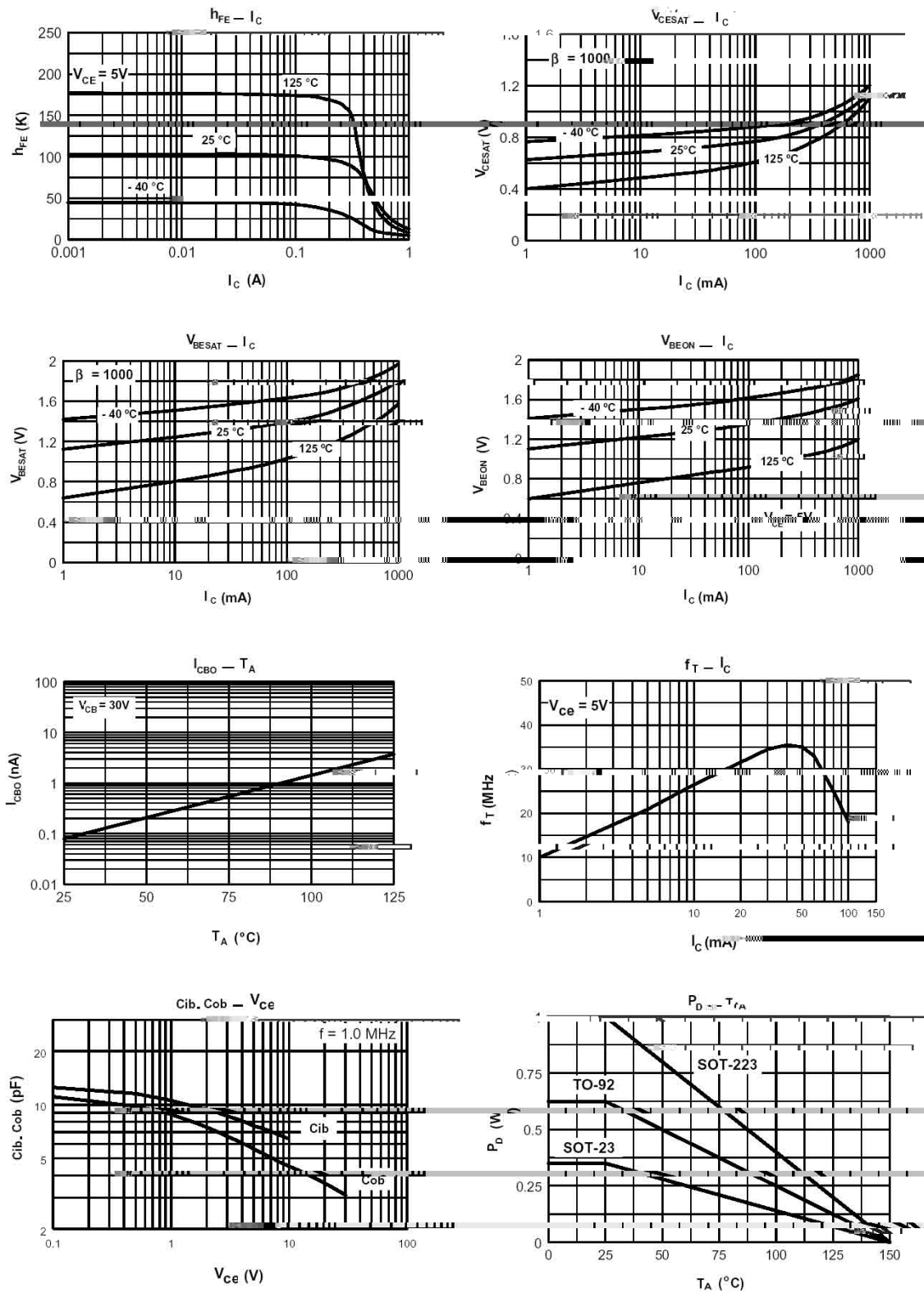
PIN1    Collector          PIN 2    Base          PIN 3    Emitter

### / hFE Classifications & Marking

See Marking Instructions.



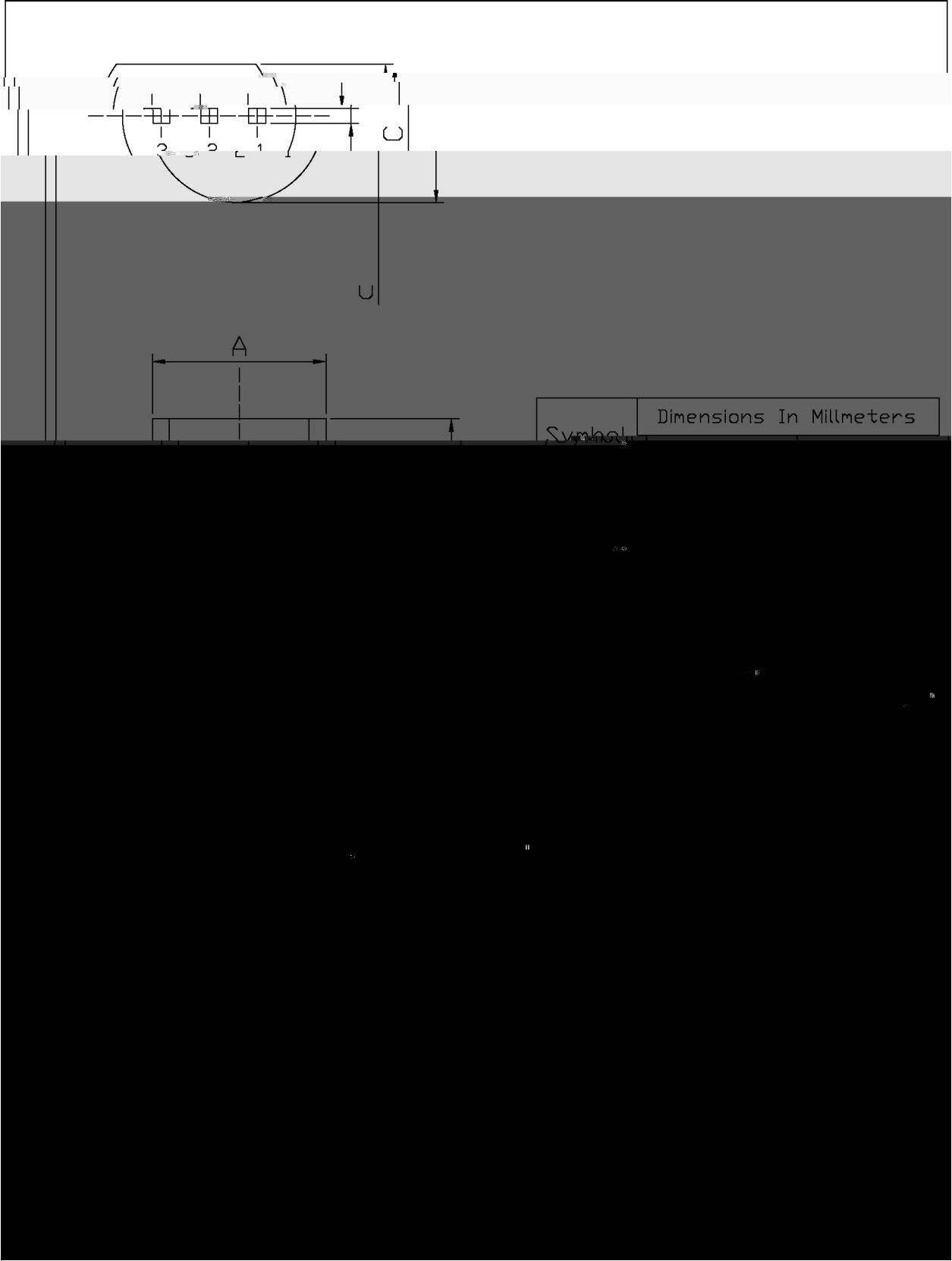
**/ Electrical Characteristic Curve**



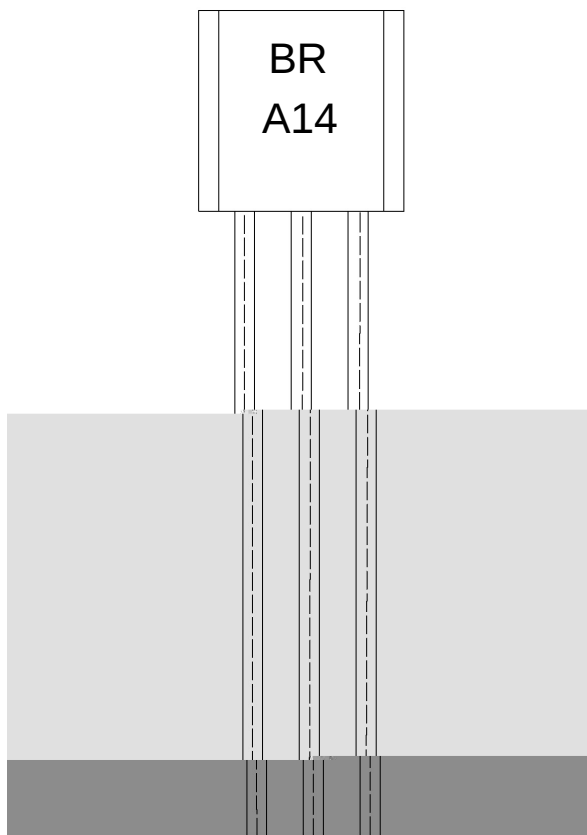
/ Package Dimensions

T0-92

Unit: mm



**/ Marking Instructions**



BR:

A14

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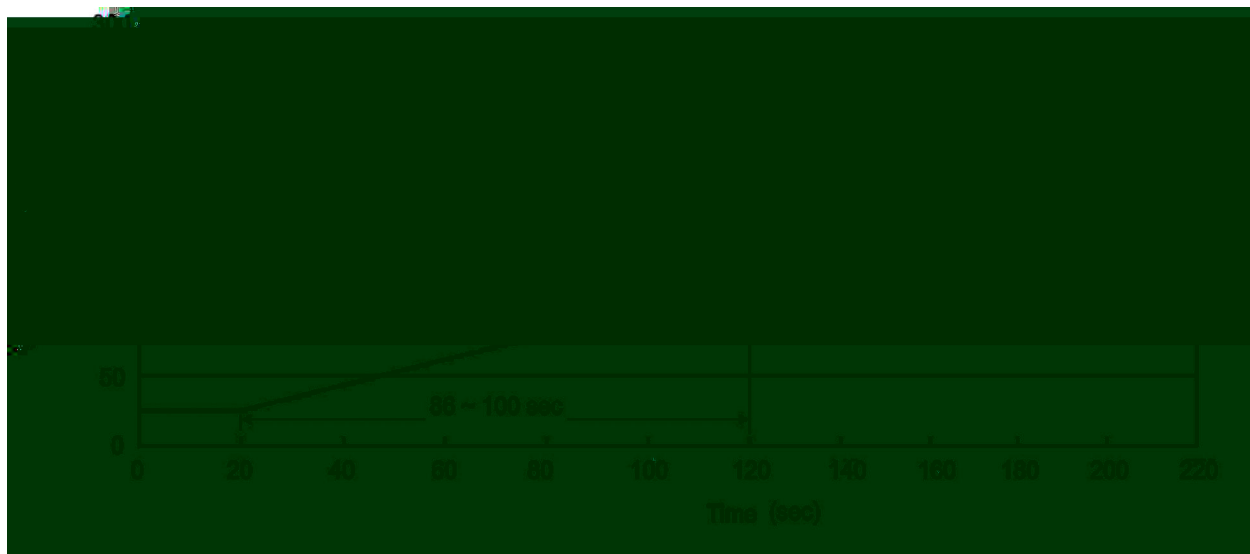
Note:

BR:                   Company Code.

A14:                  Product Type.

\*\*\*\*:                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<br>封装形式 | Units 包装数量 |    |    |    |    | Dimension 包装尺寸 (unit: mm3) |   |   |
|----------------------|------------|----|----|----|----|----------------------------|---|---|
|                      | 只袋         | 袋盒 | 只盒 | 盒箱 | 只箱 | 袋                          | 盒 | 箱 |
|                      |            |    |    |    |    |                            |   |   |
|                      |            |    |    |    |    |                            |   |   |

/ AMMO

| Package Type<br>封装形式 | Units 包装数量 |     |      |    |    | Dimension 包装尺寸 (unit: mm3) |   |  |
|----------------------|------------|-----|------|----|----|----------------------------|---|--|
|                      | 只纸带        | 纸带盒 | 纸带层盒 | 盒箱 | 只箱 | 盒                          | 箱 |  |
|                      |            |     |      |    |    |                            |   |  |
|                      |            |     |      |    |    |                            |   |  |

小箱 ,  
大箱