

/ Descriptions

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

/ Features

Small package, high voltage, high h_{FE} , excellent h_{FE} linearity, low noise, Complementary pair with 2SC2458.

/ Applications

Audio frequency amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

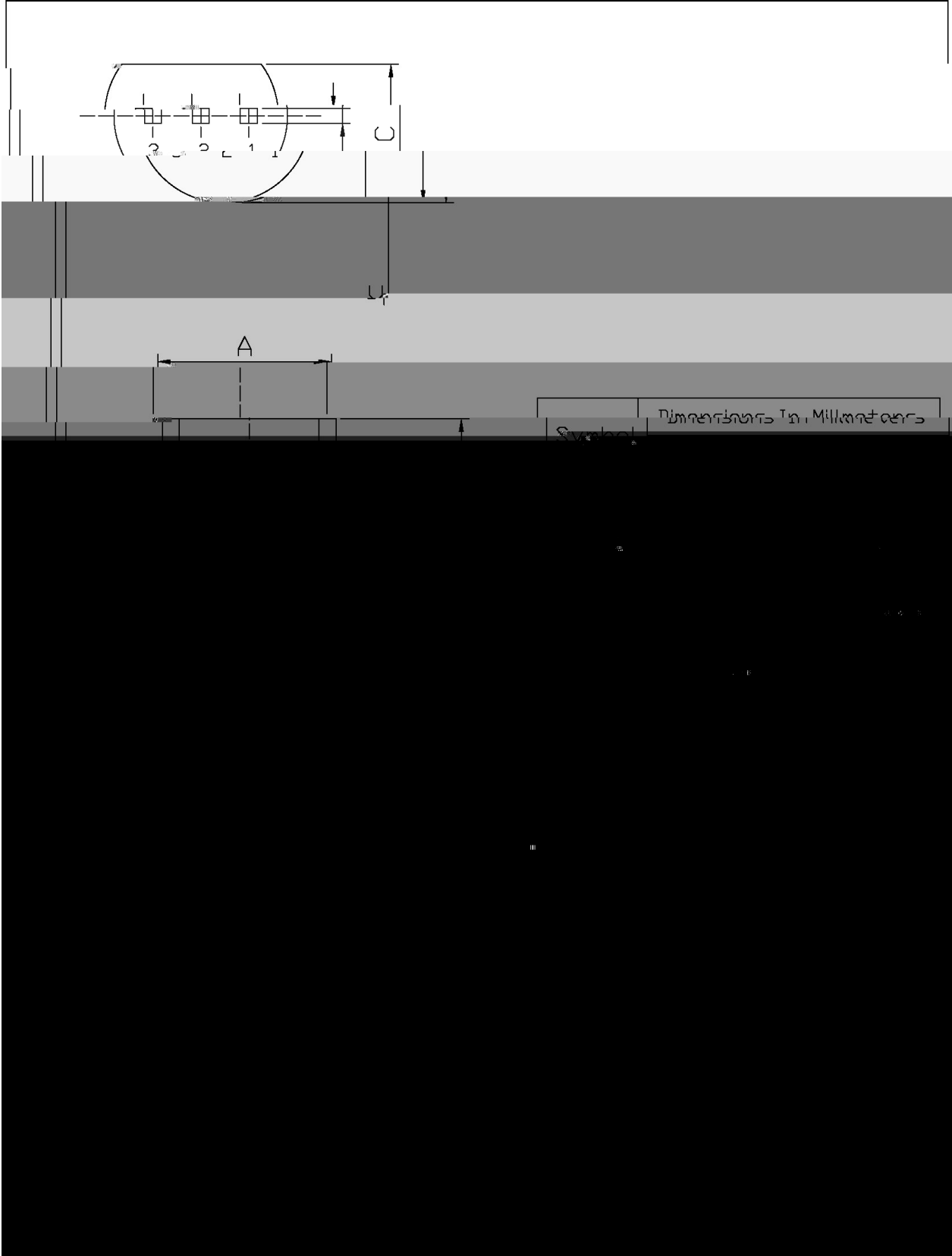
| | | | |
|---------------------------------|--------|---------|---------|
| h_{FE} Classifications Symbol | O | Y | GR |
| h_{FE} Range | 70~140 | 120~240 | 200~400 |

2SA1048
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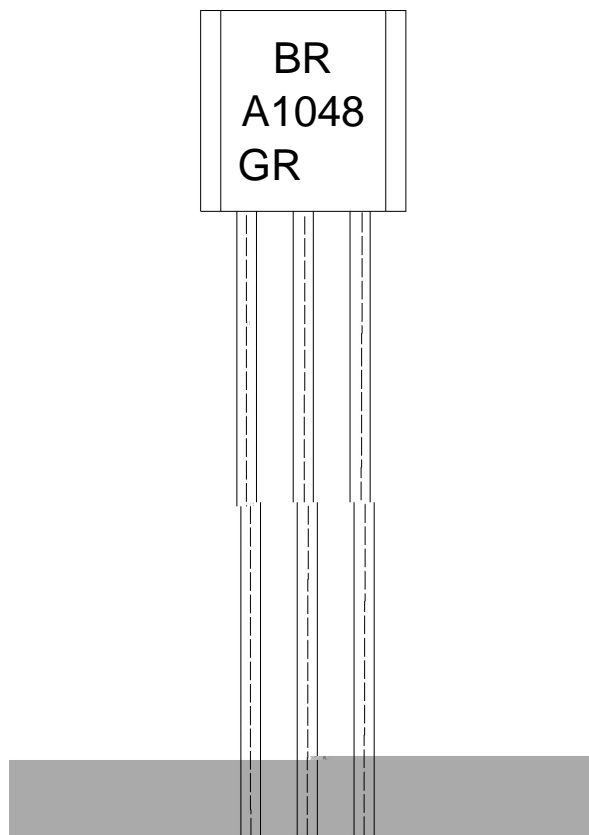
/ Package Dimensions

T0-92

Unit: mm



/ Marking Instructions



BR:

A1048

GR: h_{FE}

Note:

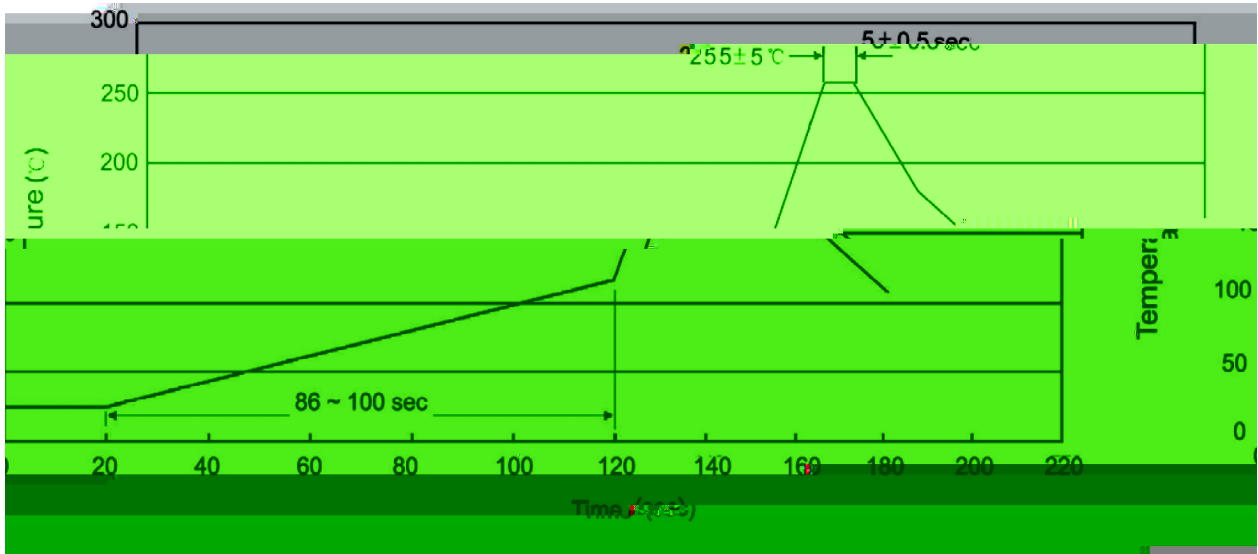
BR: Company Code.

A1048: Product Type.

GR: 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±0.5 | sec; | 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