

Rev.F Mar.-2016

TO-92 NPN

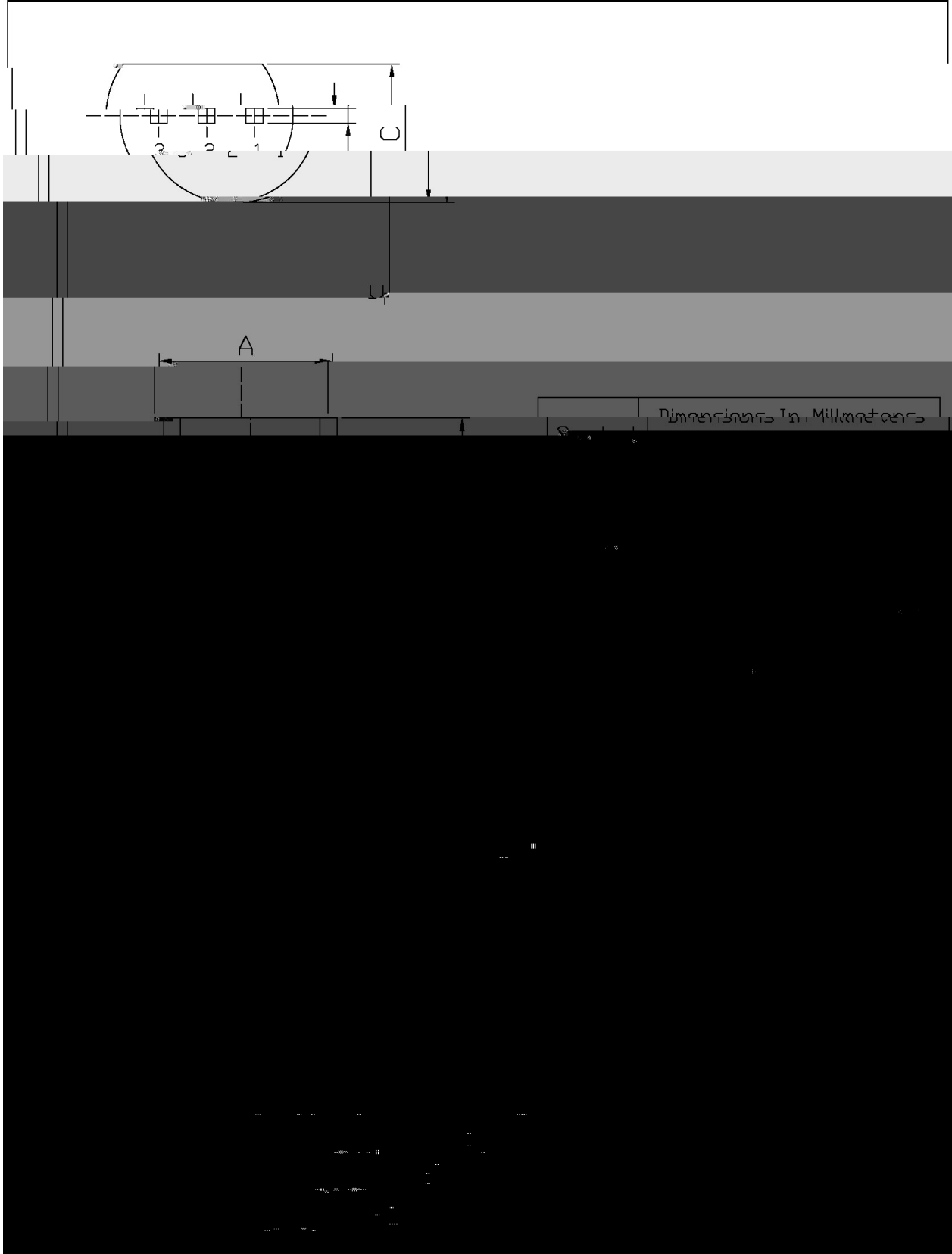
| Parameter | Symbol | Rating | Unit |
|--------------------------------|-----------|---------|------|
| Collector to Base Voltage | V_{CBO} | 180 | V |
| Collector to Emitter Voltage | V_{CEO} | 160 | V |
| Emitter to Base Voltage | V_{EBO} | 6.0 | V |
| Collector Current - Continuous | I_C | 600 | mA |
| Base Current - Continuous | I_B | 300 | mA |
| Collector Power Dissipation | P_C | 625 | mW |
| Junction Temperature | T_j | 150 | |
| Storage Temperature Range | T_{stg} | -55 150 | |

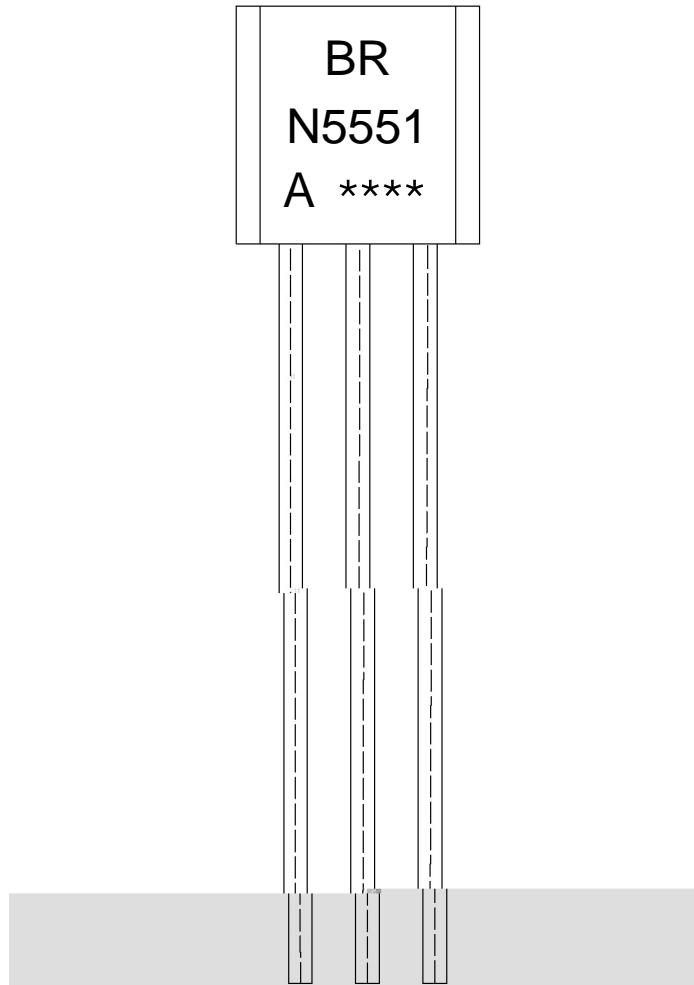
Parameter Symbol Test Conditions



T0-92

Unit: mm





BR

N5551

A: h_{FE}

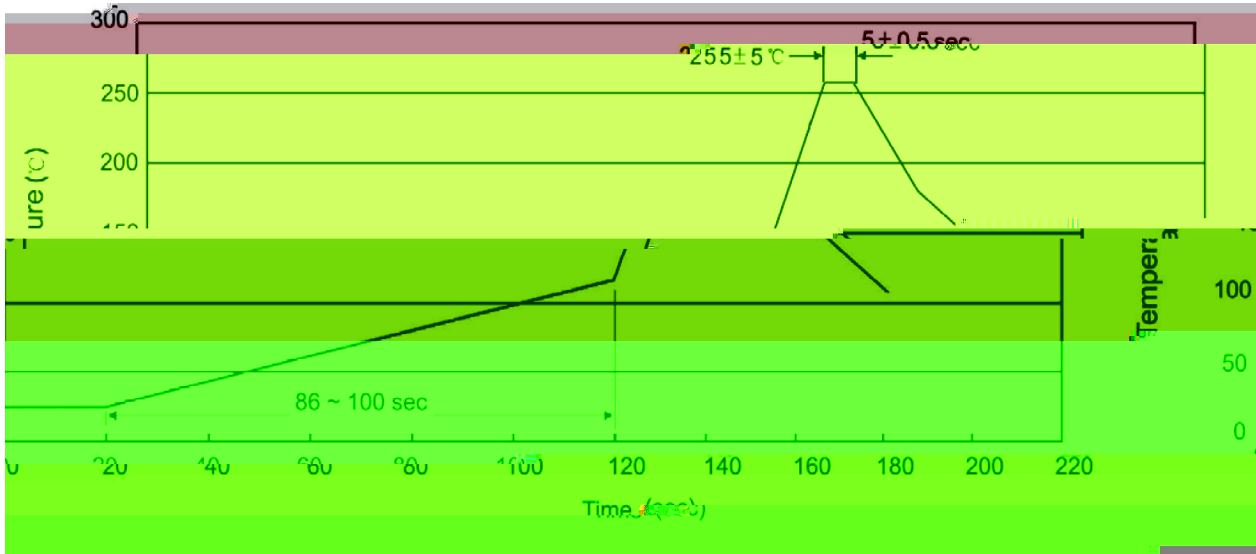
Note:

BR: Company Code.

N5551: Product Type Code.

A: h_{FE} Classifications Symbol.

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


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. |

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ BULK

| Package Type | Units | | | | | Dimension (unit mm3) | | |
|--------------|-------------|------------------|-------------------|-------------------------|-------------------|----------------------|-------------|-------------|
| | Units/Bag / | Bags/Inner Box / | Units/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Bag | Inner Box | Outer Box |
| TO-92 | 1,000 | 10 | 10,000 | 5 | 50,000 | 135×190 | 237×172×102 | 560×245×195 |
| | 1,000 | 10 | 10,000 | 10 | 100,000 | 135×190 | 237×172×102 | 560×245×375 |

/ AMMO

| Package Type | Units | | | | | Dimension (unit mm3) | |
|--------------|--------------|------------------|------------------|-------------------------|-------------------|----------------------|----------------------------|
| | Units/tape / | Tape/Inner Box / | Rows/Inner Box / | Inner Boxes/Outer Box / | Units/Outer Box / | Inner Box | Outer Box |
| TO-92 | 3,000 | 1 | 120 | 10 | 30,000 | 328×230×42 | 480×346×235 547×407×268 |