

/ Descriptions

TO-3P NPN Silicon NPN transistor in a TO-3P Plastic Package.

/ Features

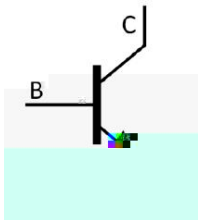
100W NJW0302GC

Recommend for 100W high fidelity audio frequency amplifier output stage, Complementary to NJW0302GC.

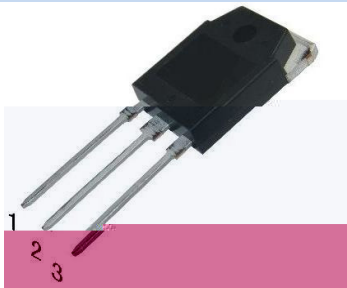
/ Applications

Power amplifier applications.

/ Equivalent Circuit



/ Pinning

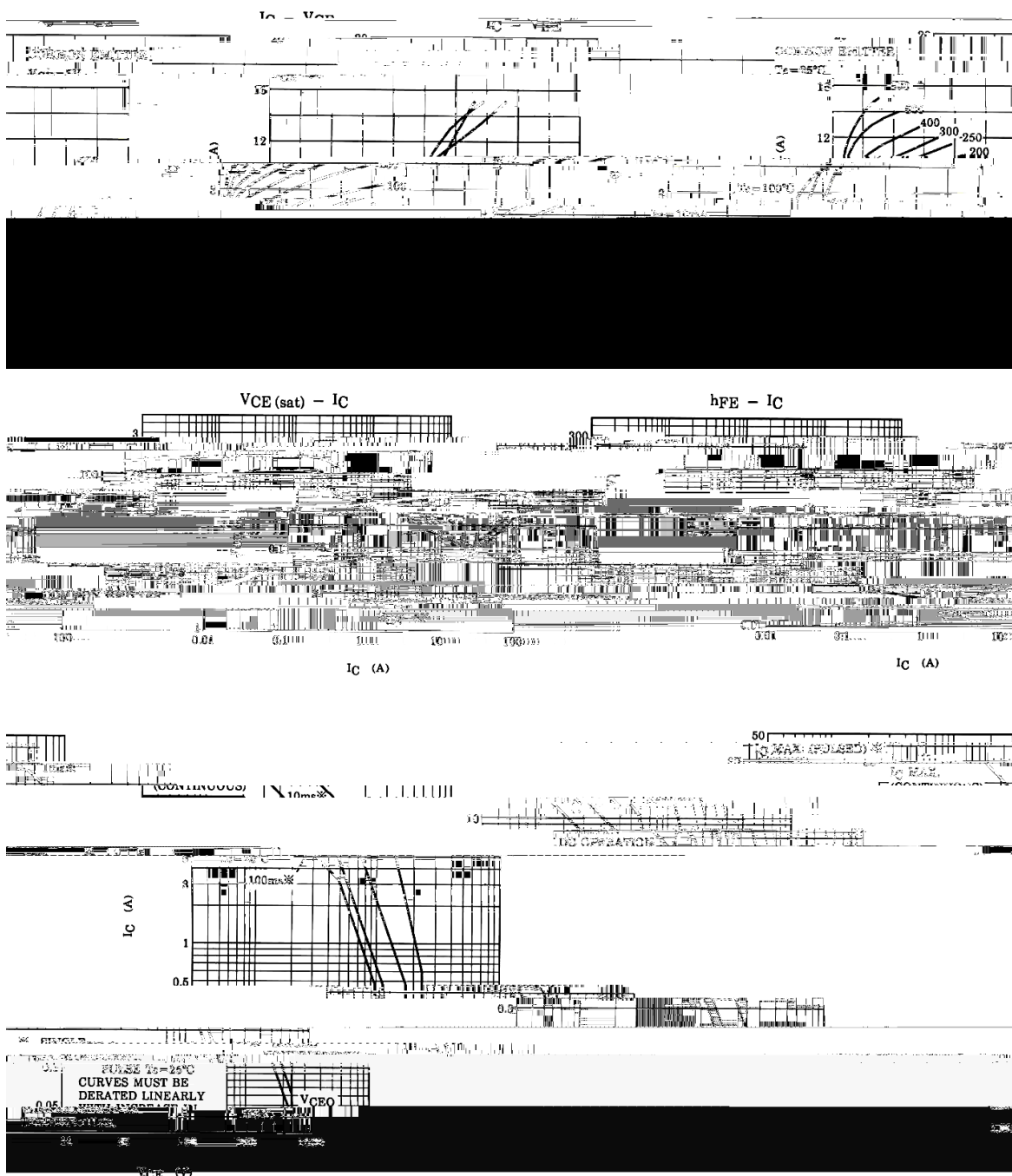


PIN1 Base PIN 2 Collector PIN 3 Emitter

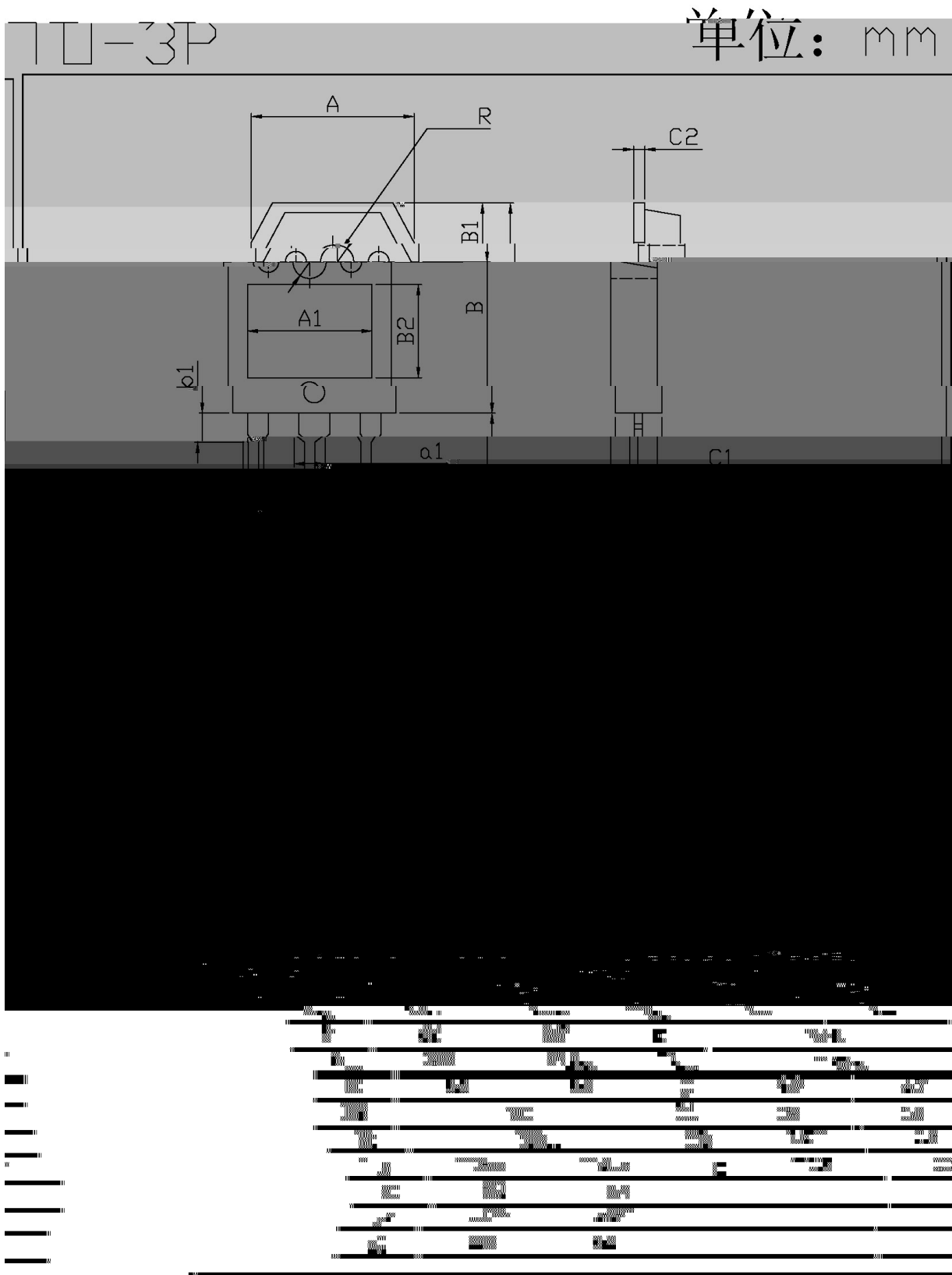
/ h_{FE} Classifications & Marking

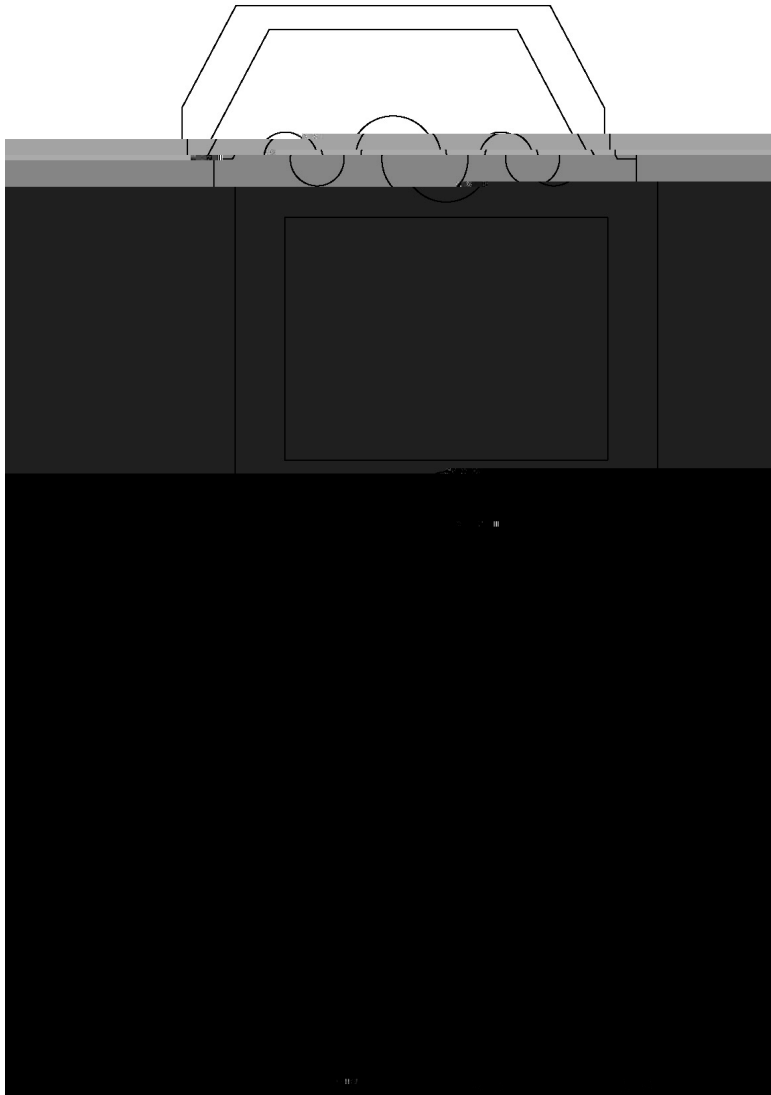
See Marking Instructions.

/ Electrical Characteristic Curve

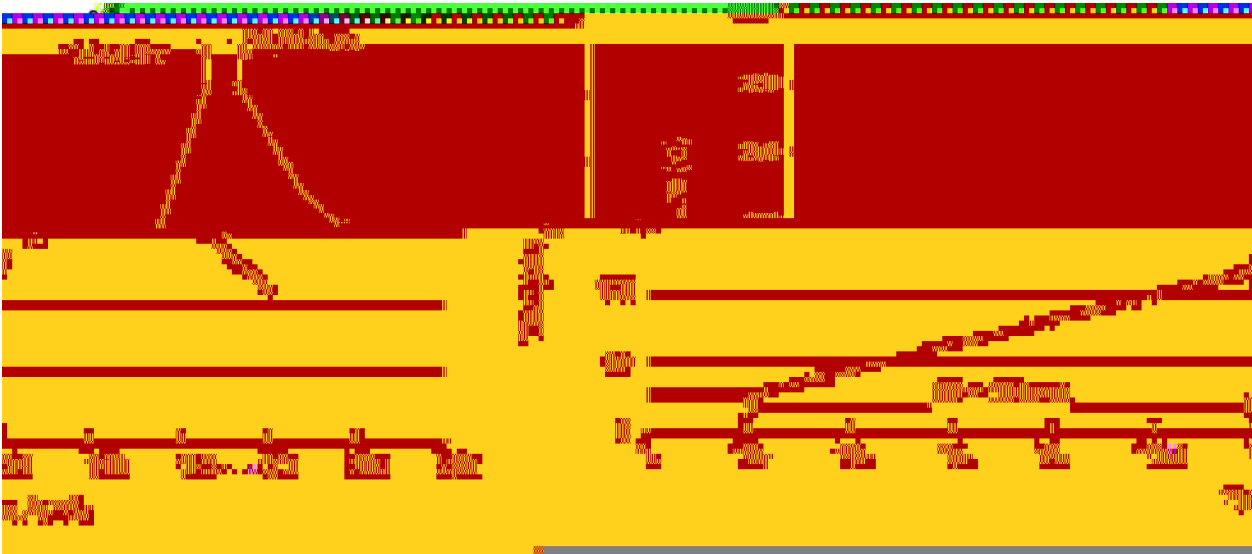


/ Package Dimensions





() / 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 0.5sec; 4-222.8(/6)-222.1 J /TT6-274 -1.8- 0 Tc (1)- 042.5(EETJ /6T7 1