

/ Descriptions

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

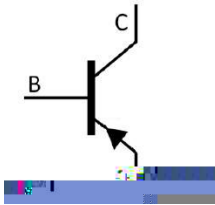
/ Features

60W 2SD1047
For 60W audio frequency amplifier output stage, Complementary to 2SD1047.

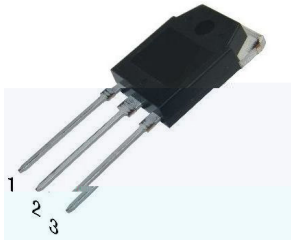
/ Applications

Designed for use in audio frequency amplifier.

/ Equivalent Circuit



/ Pinning

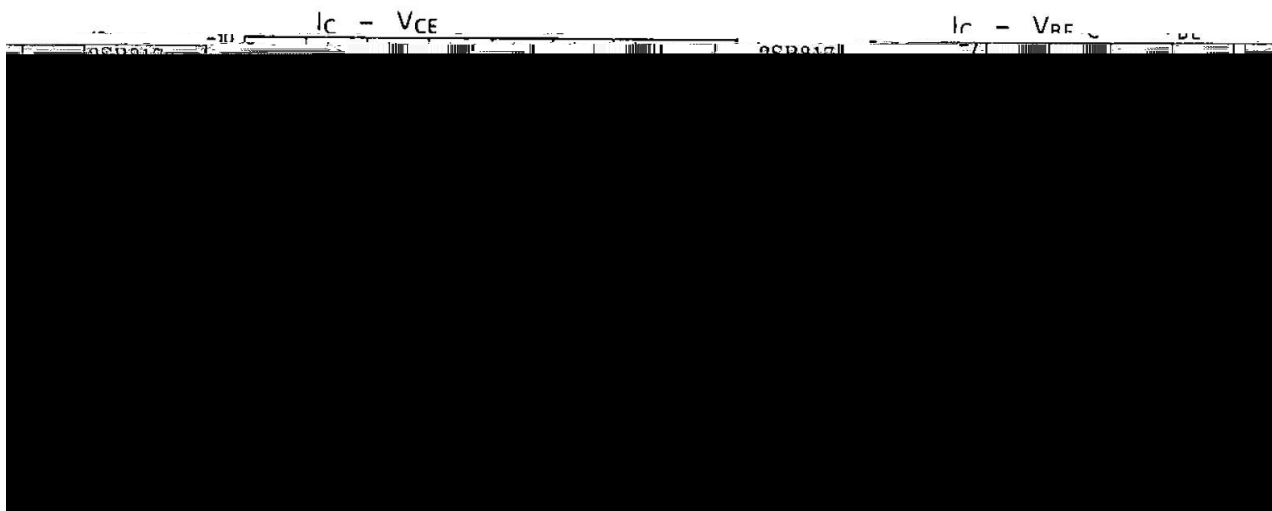


PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

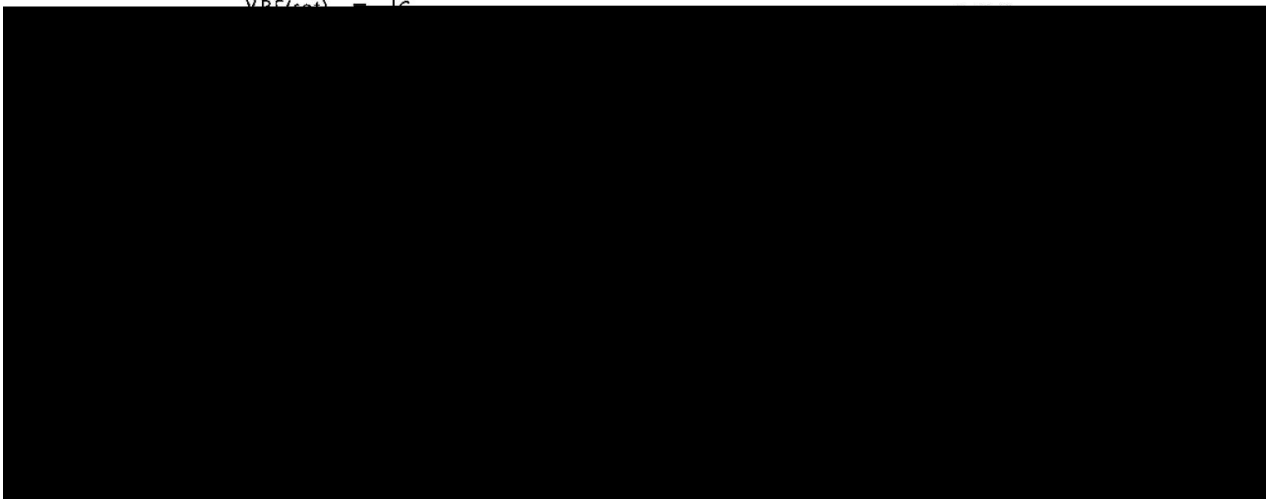
| | |
|----------------|--------|
| h_{FE} Range | 80~160 |
|----------------|--------|

/ Electrical Characteristic Curve



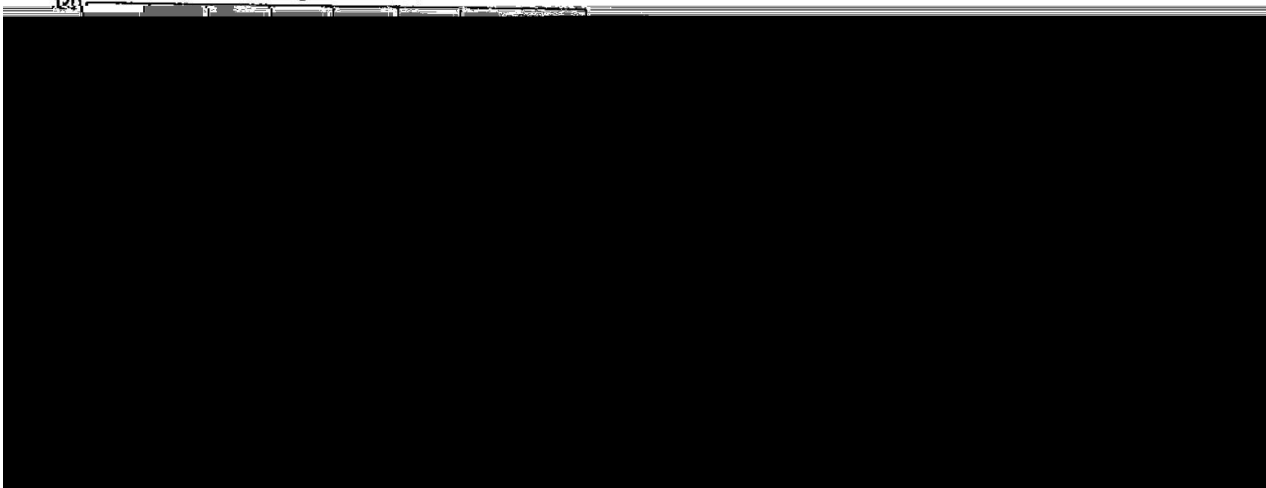
/ Electrical Characteristic Curve

$V_{DS(ON)} - I_C$

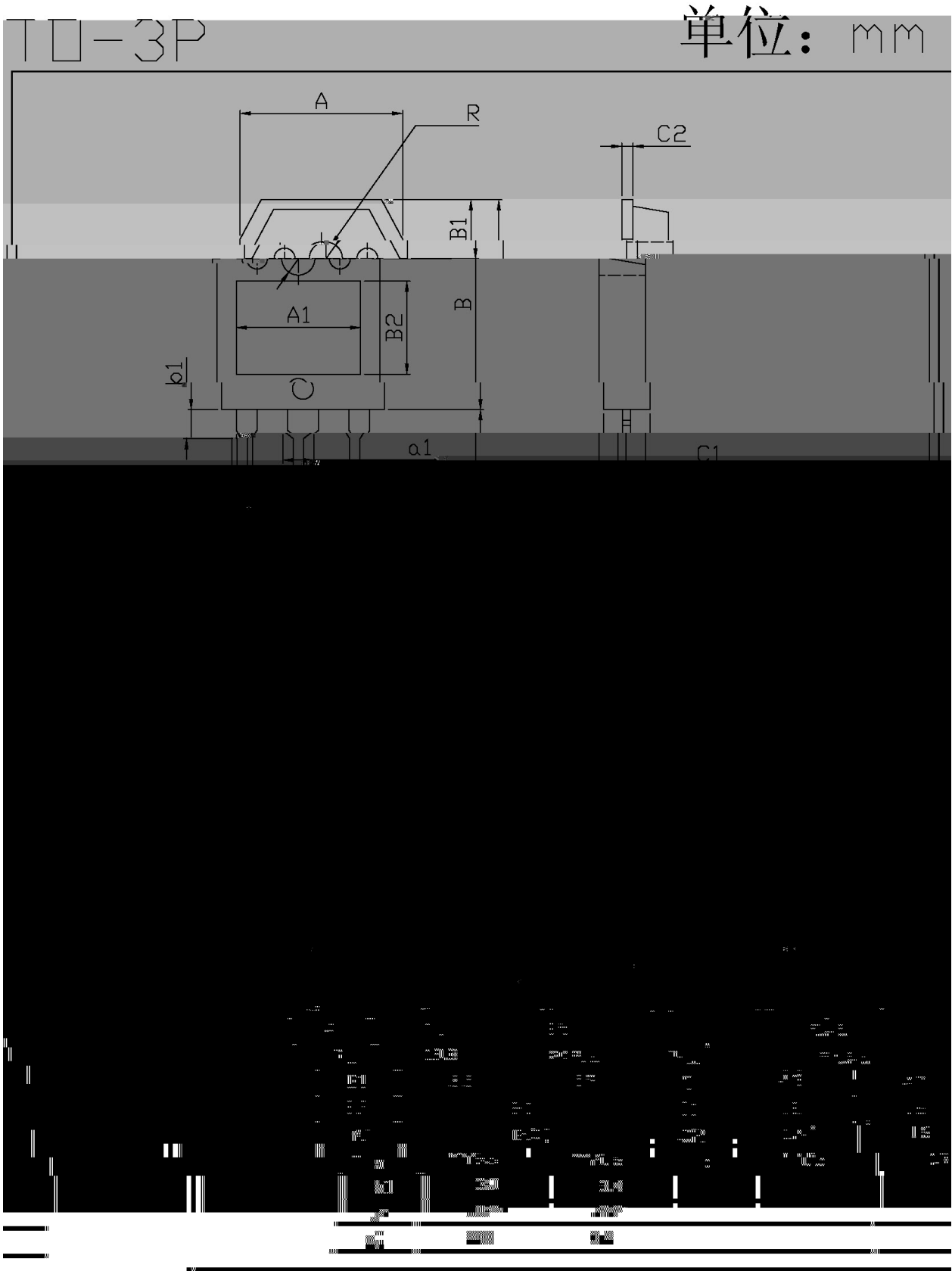


$P_C - T_c$

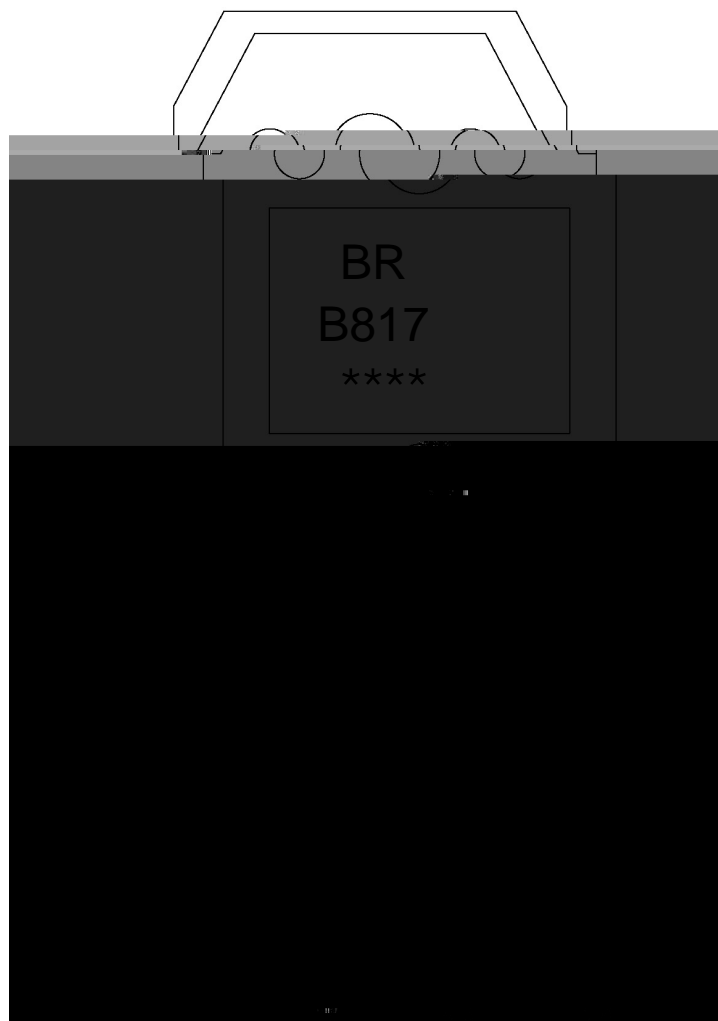
120



/ Package Dimensions



/ Marking Instructions



BR

B817

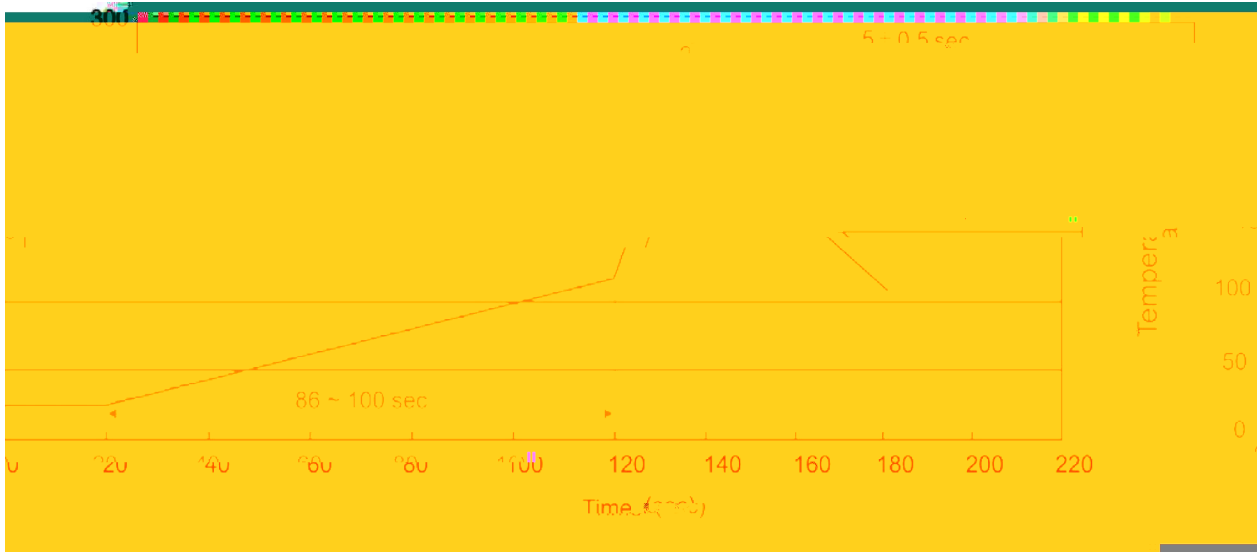
Note:

BR: Company Code.

B817: 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.

/ TUBE

| Package Type | Units | | | | | Dimension (unit mm ³) | | |
|--------------|------------|-----------------|-----------------|-----------------------|-----------------|-----------------------------------|------------|-------------|
| | Units/Tube | Tubes/Inner Box | Units/Inner Box | Inner Boxes/Outer Box | Units/Outer Box | Tube | Inner Box | Outer Box |
| TO-3P | 30 | 15 | 450 | 5 | 2250 | 497.5×46×8 | 555×164×50 | 575×290×180 |

/ Notices