

/ 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.

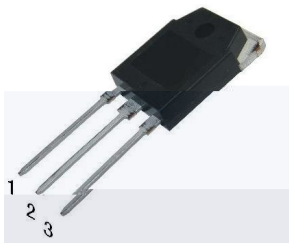
/ Applications

Designed for use in audio frequency amplifier.

/ Equivalent Circuit



/ Pinning

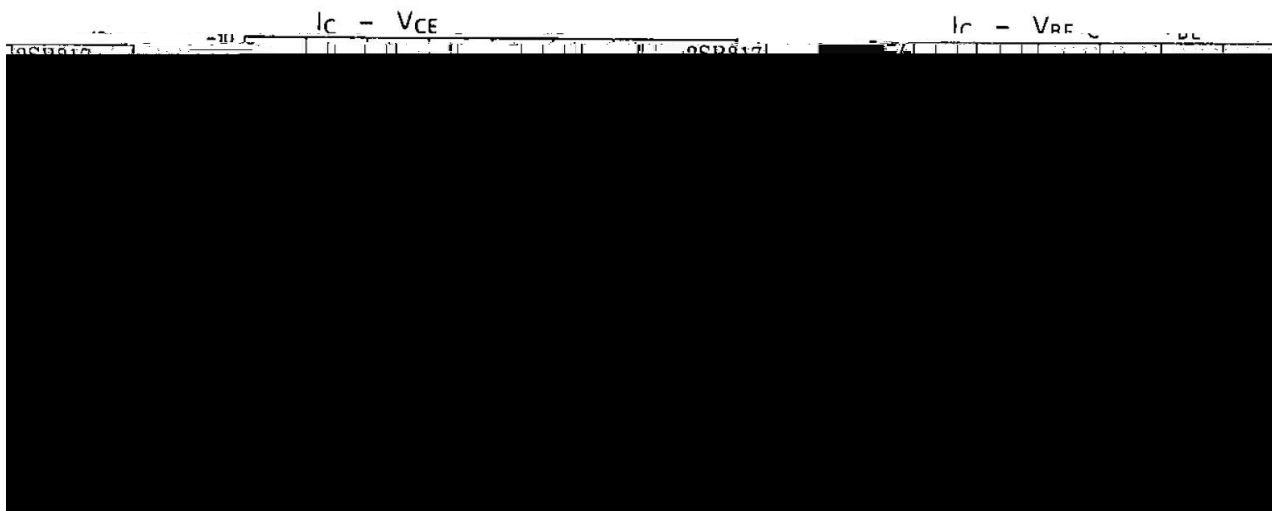


PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

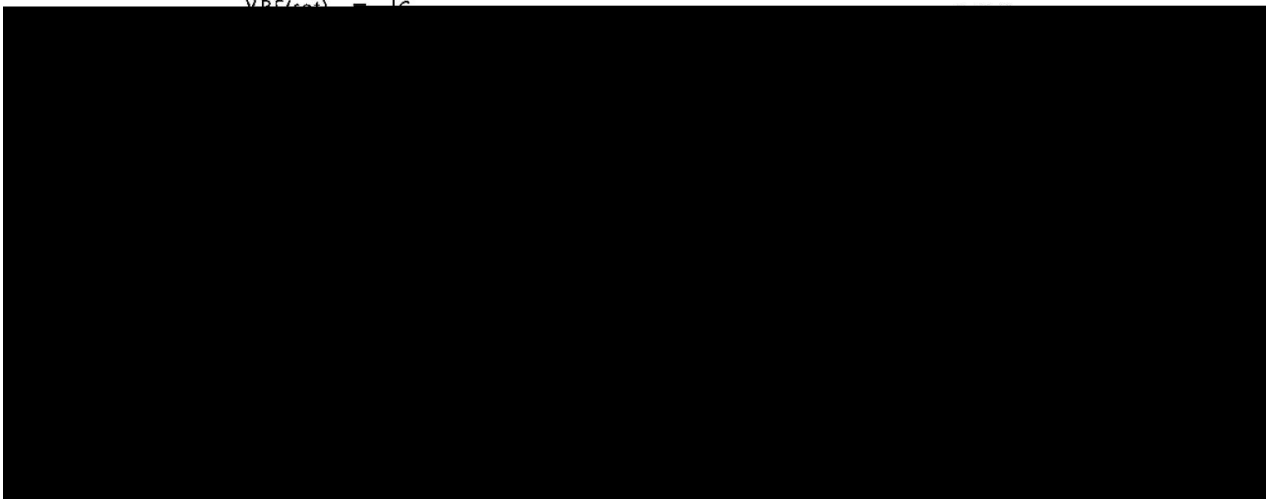
h _{FE} Range	80~160
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/ Electrical Characteristic Curve



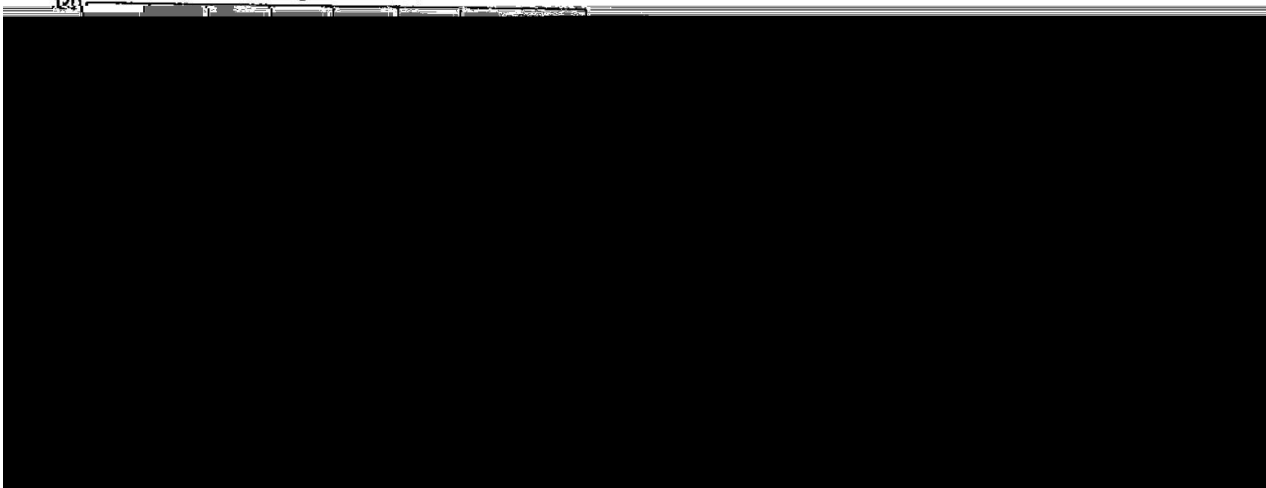
/ Electrical Characteristic Curve

$V_{DS(ON)} - I_C$

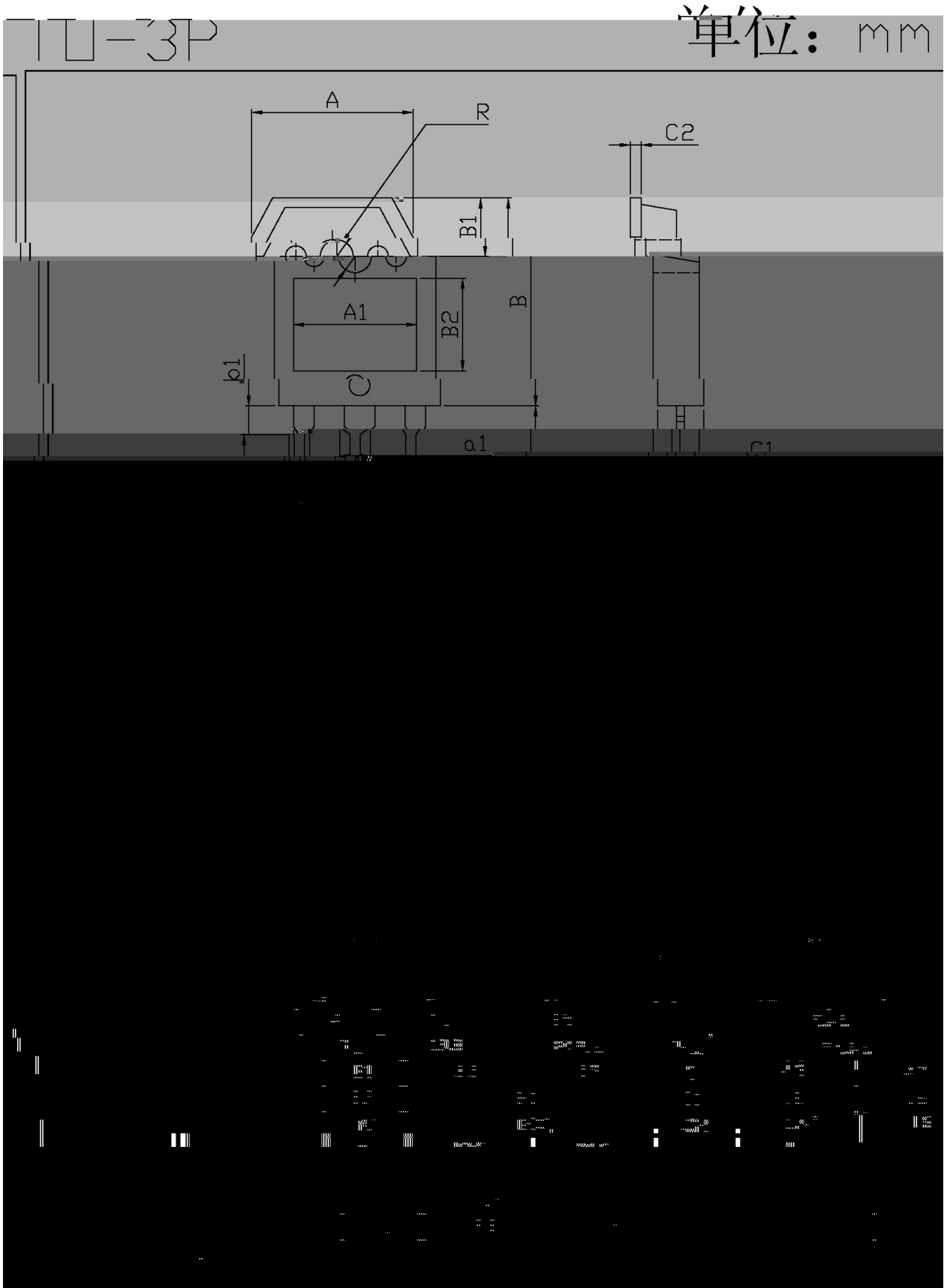


$P_C - T_c$

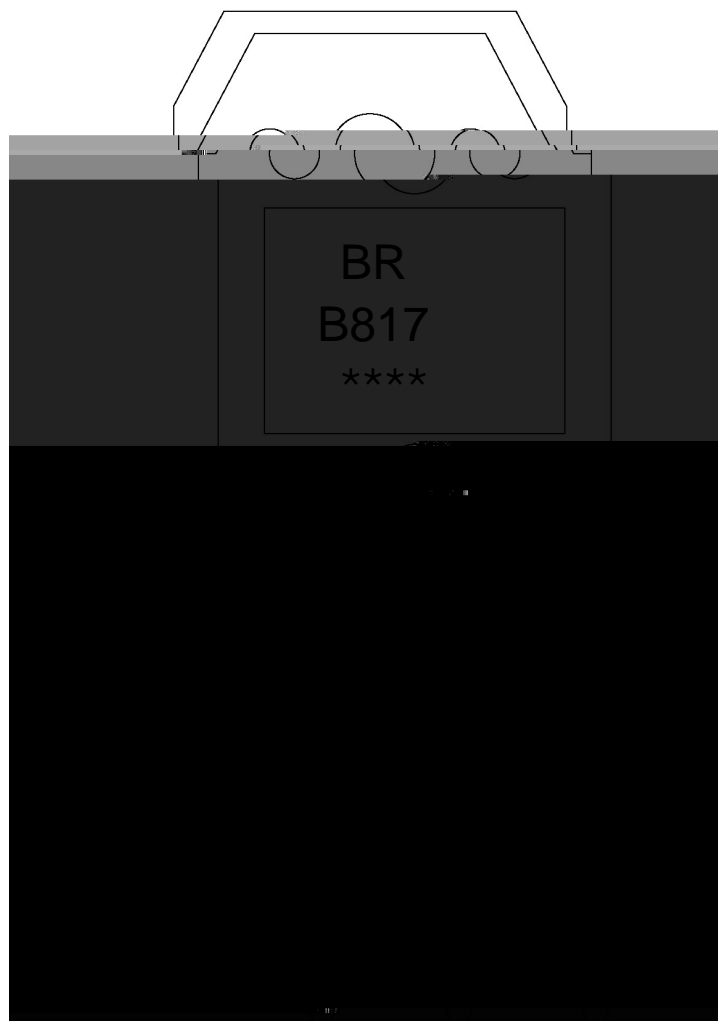
120



/ Package Dimensions



/ Marking Instructions



BR

B817

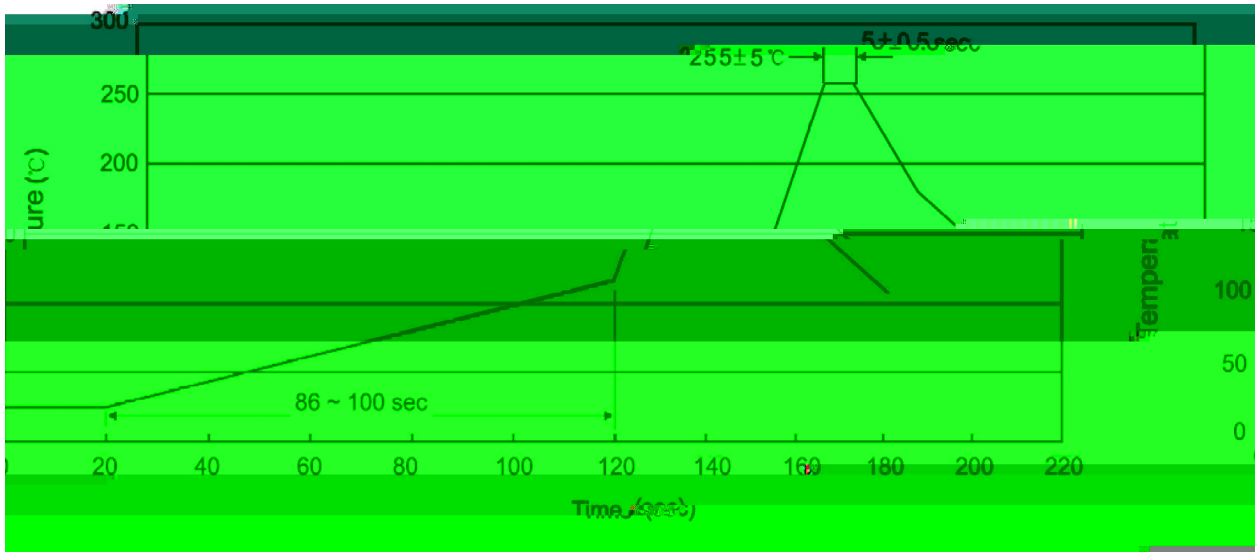
Note:

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