

/ Descriptions

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

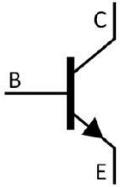
/ Features

TIP36C
Low leakage current, high current gain bandwidth product, Complementary to TIP36C.

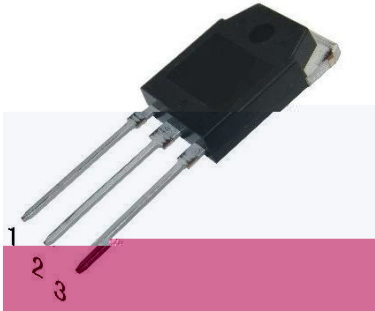
/ Applications

Power amplifier and switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

| Parameter | Symbol | Rating | Unit |
|--------------------------------|-----------|---------|------|
| Collector to Base Voltage | V_{CBO} | 100 | V |
| Collector to Emitter Voltage | V_{CEO} | 100 | V |
| Emitter to Base Voltage | V_{EBO} | 5 | V |
| Collector Current - Continuous | I_C | 25 | A |
| Peak Collector Current | I_{CM} | 50 | A |
| Base Current | I_B | 5 | A |
| Total Power Dissipation | P_{tot} | 125 | W |
| Junction Temperature | T_j | 150 | |
| Storage Temperature Range | T_{stg} | -65 150 | |
| Thermal Resistance Junction | R_{thj} | 1 | /W |

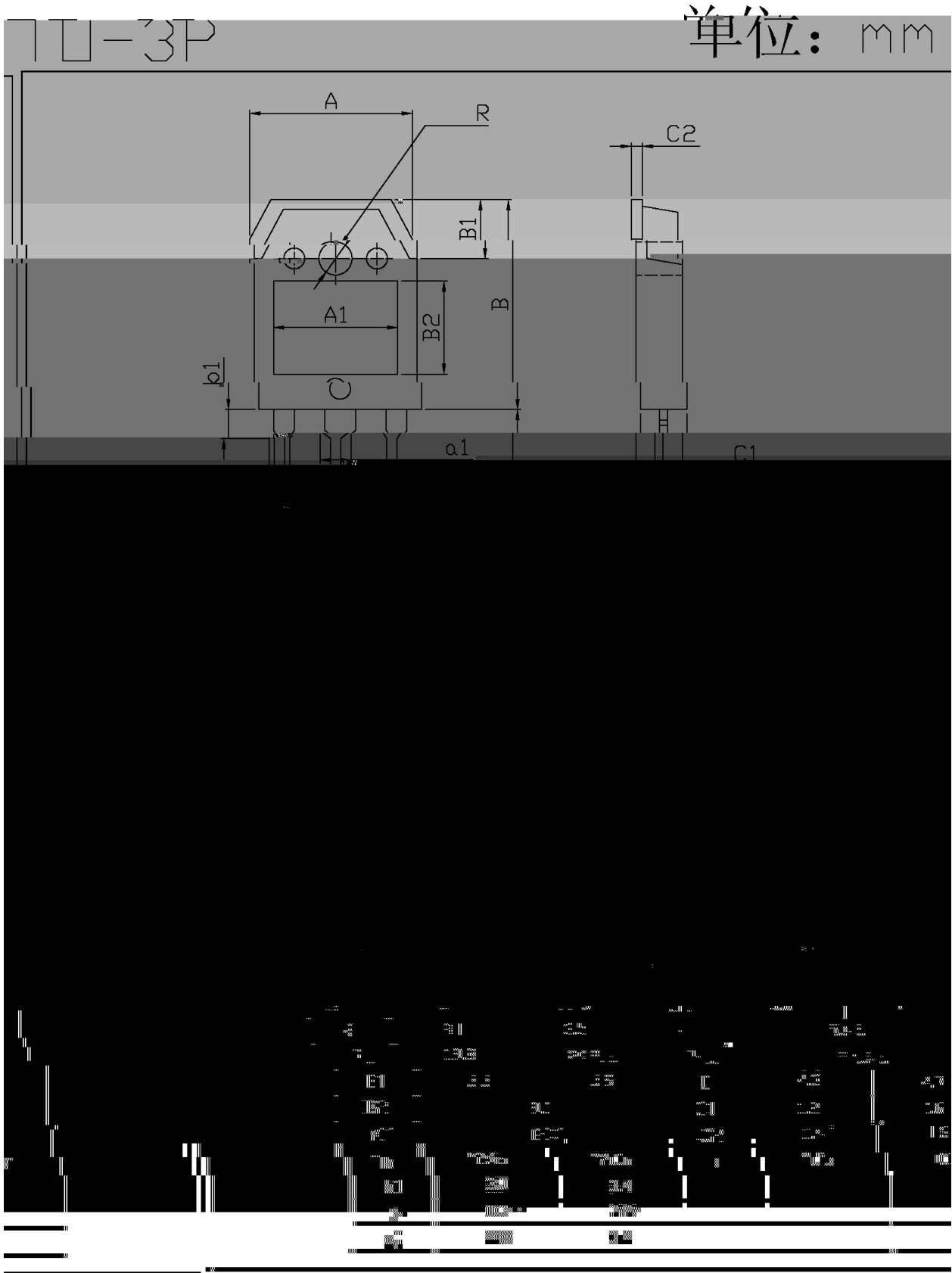
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Cut-Off

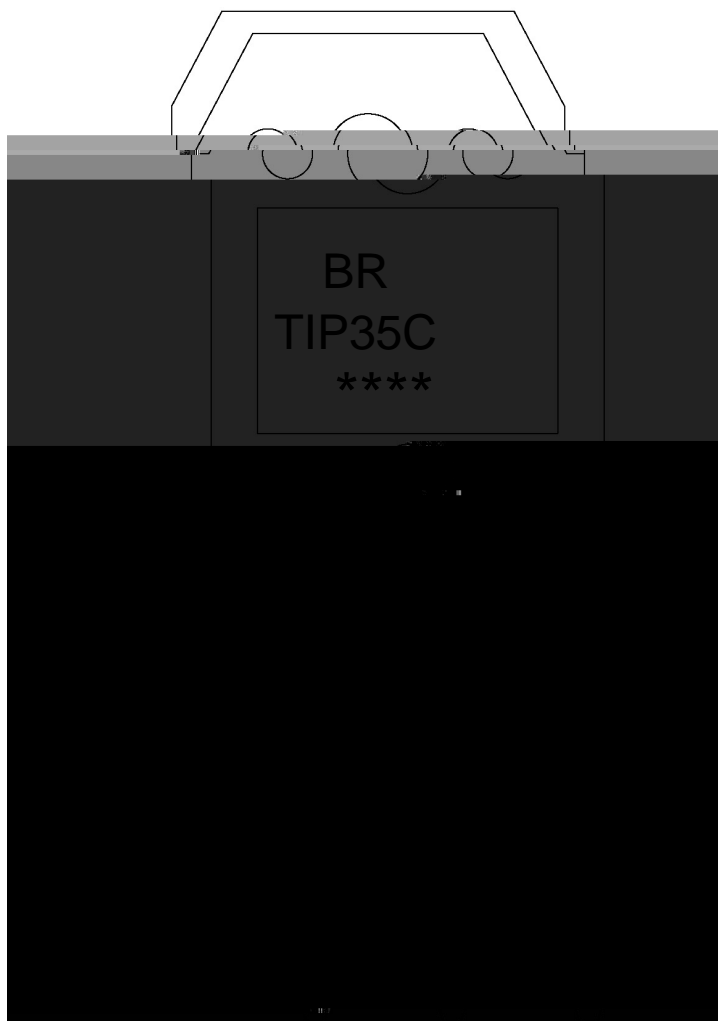
Current02

TIP35C
Rev.E Mar.-2016

/ Package Dimensions



/ Marking Instructions



BR:

TIP35C

Note:

BR: Company Code.

TIP35C: Product Type.

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

TIP35C
Rev.E Mar.-2016