

/ Descriptions

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

/ Features

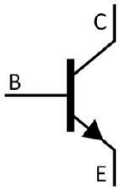
TIP36C

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

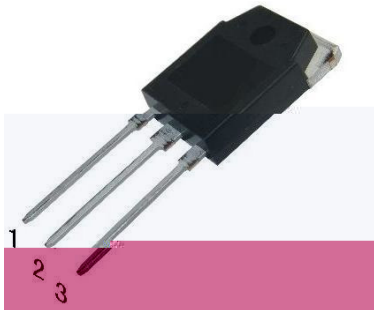
/ Applications

Power amplifier and switching applications.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

/ h_{FE} Classifications & Marking

See Marking Instructions.

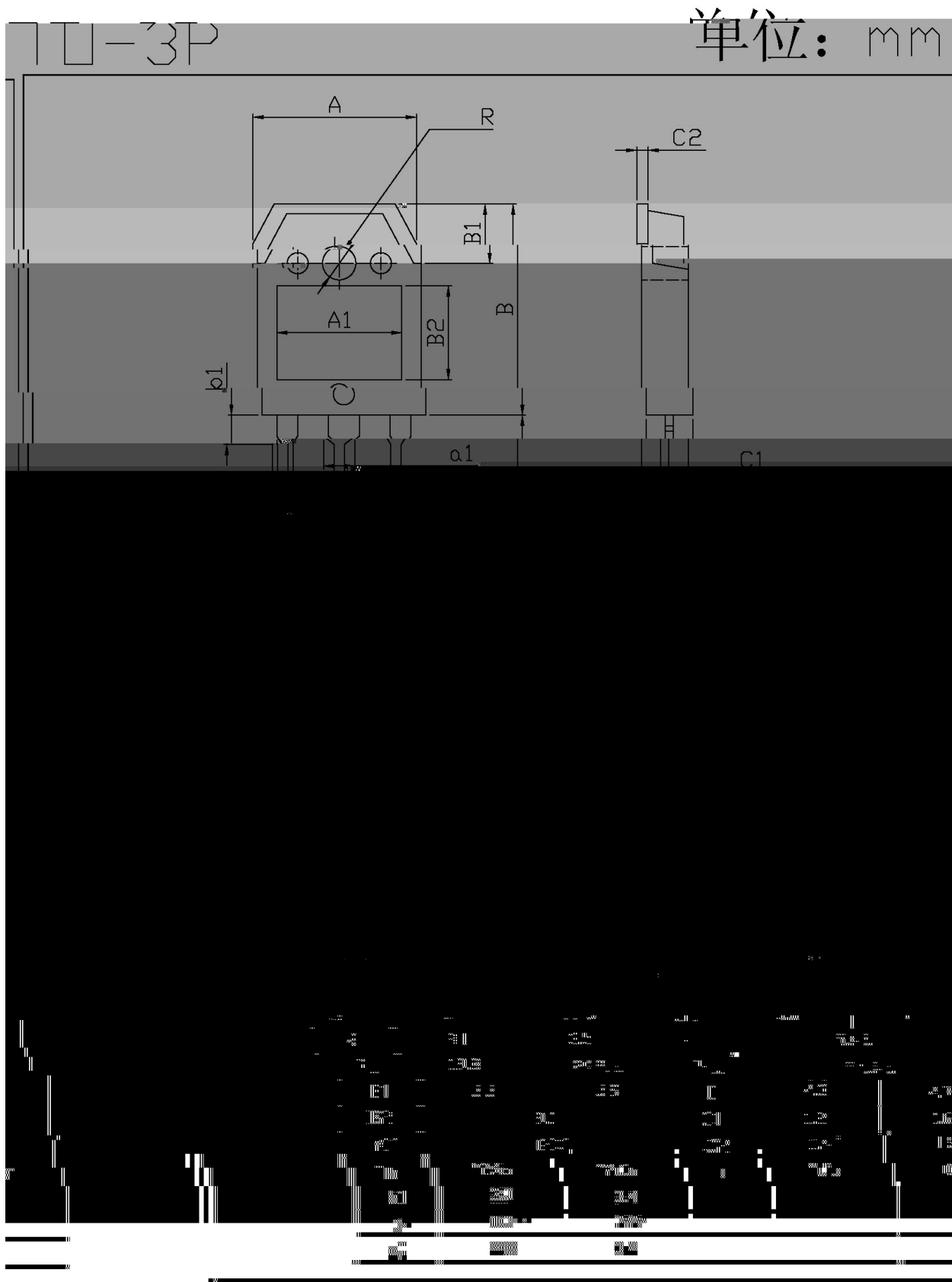
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	100	V
Emitter to Base Voltage	V_{EBO}	5	V
Collector Current - Continuous	I_C	25	A
Peak Collector Current	I_{CM}	50	A
Base Current	I_B	5	A
Total Power Dissipation	P_{tot}	125	W
Junction Temperature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

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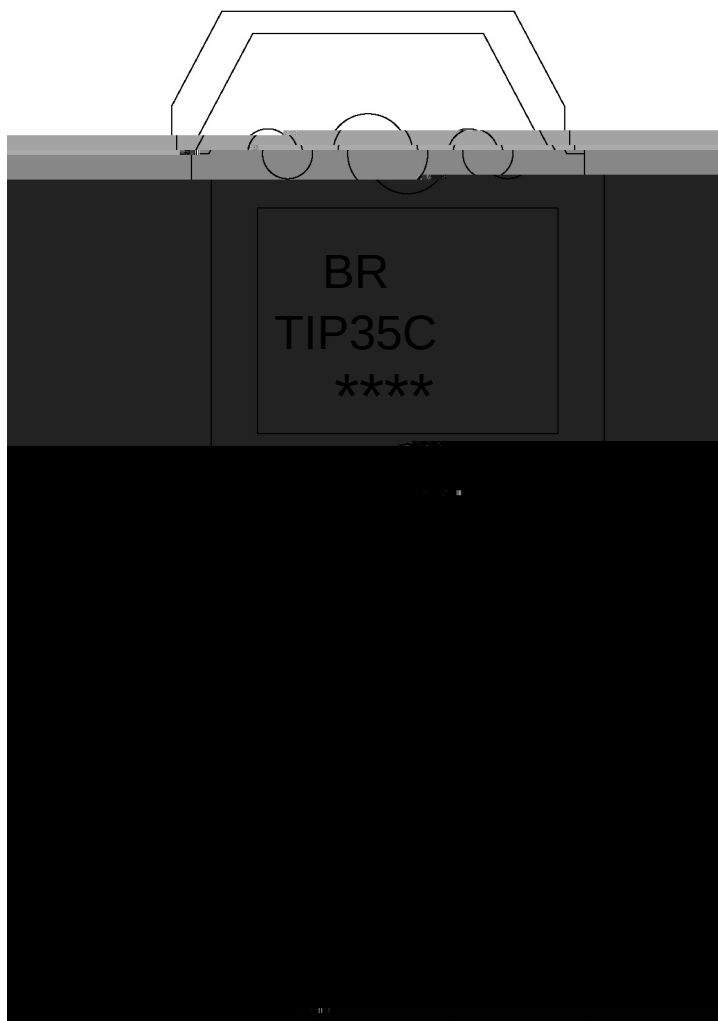
Cut-Off

Current02

/ 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