

**/ 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.

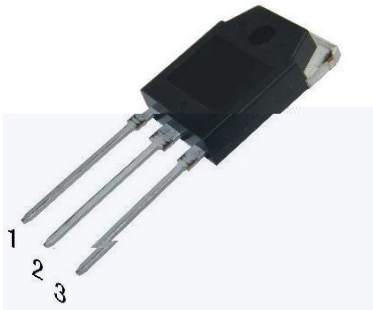
**/ Applications**

Power amplifier and switching applications.

**/ Equivalent Circuit**



**/ Pinning**



PIN1 Base          PIN 2 Collector          PIN 3 Emitter

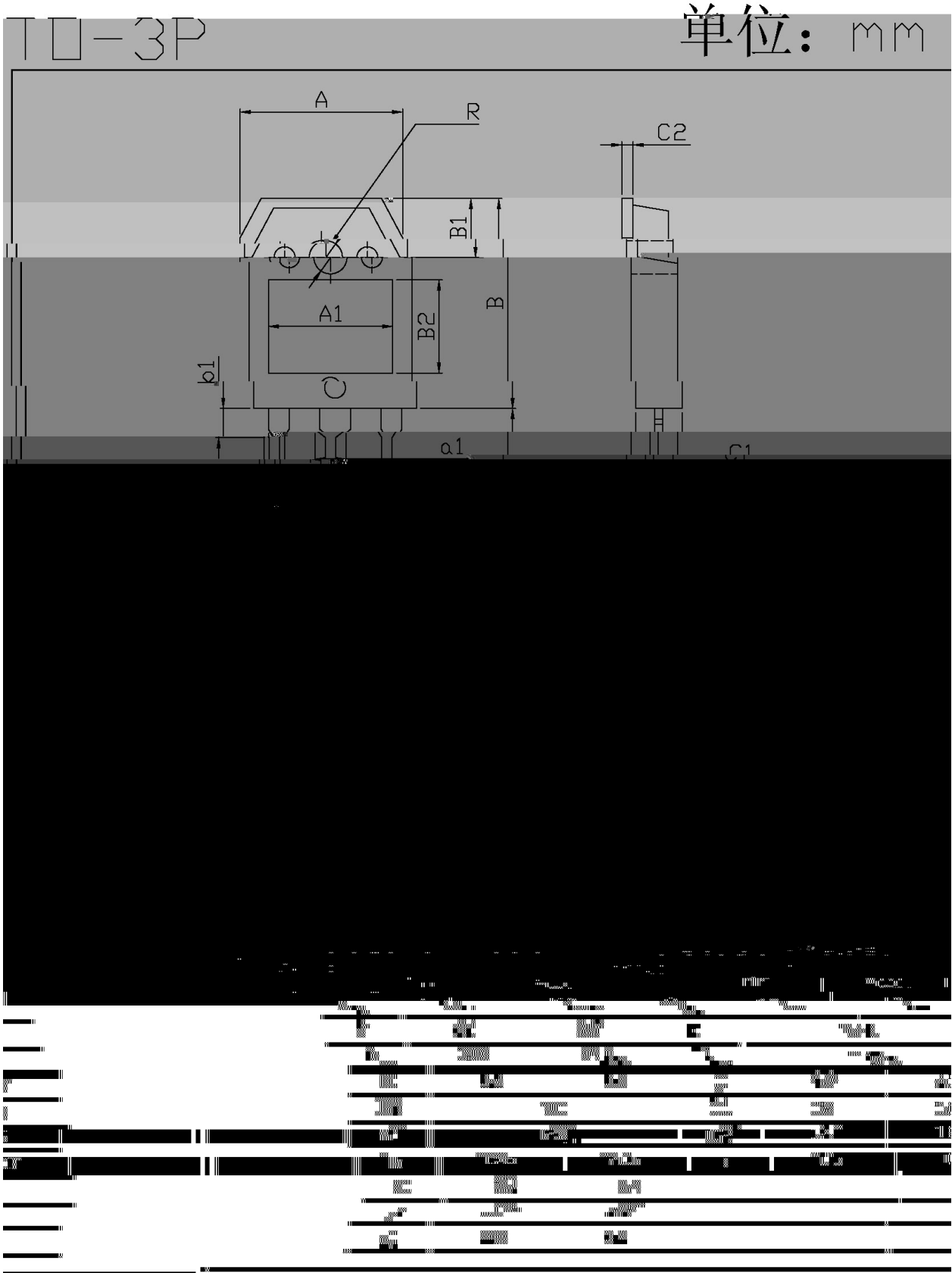
**/  $h_{FE}$  Classifications & Marking**

See Marking Instructions.

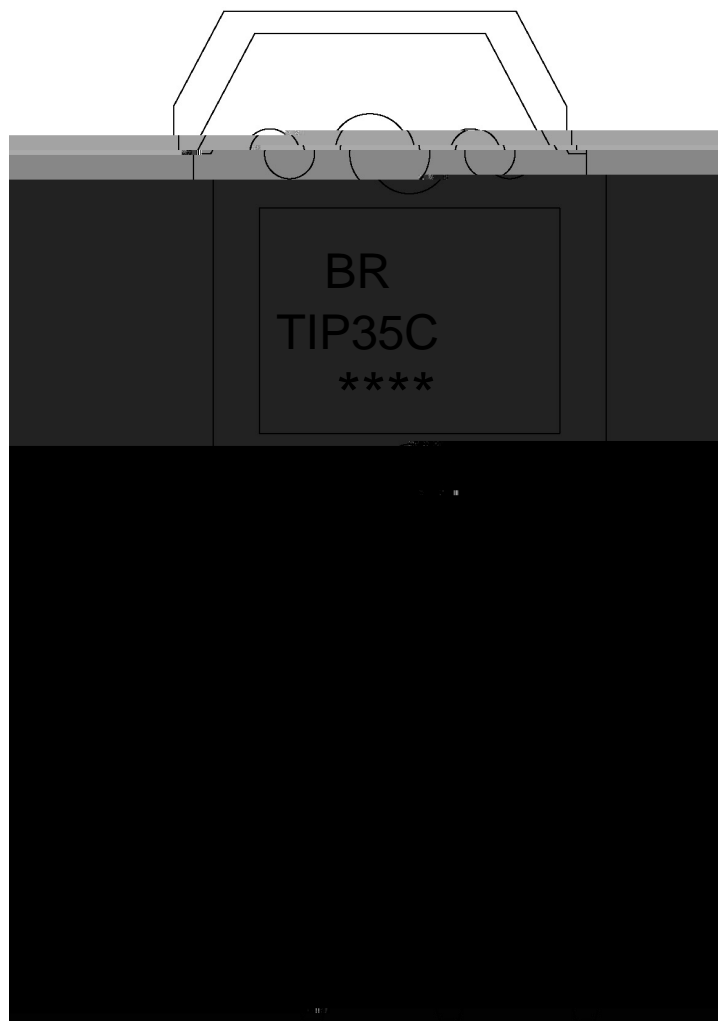
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	100	V
Collector to Emitter Voltage	$V_{CEO}$	100	V
Emitter to Base Voltage	$V_{EBO}$	5	V
Collector Current - Continuous	$I_C$	25	A
Peak Collector Current	$I_{CM}$	50	A
Base Current	$I_B$	5	A
Total Power Dissipation	$P_{tot}$	125	W
Junction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

**TIP35C**  
Rev.E Mar.-2016

/ Package Dimensions



/ Marking Instructions



BR:

TIP35C

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Note:

BR: Company Code.

TIP35C: Product Type.

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

**TIP35C**  
Rev.E Mar.-2016