

Rev.E Mar.-2016

TO-3P

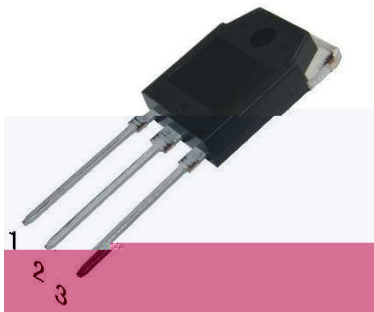
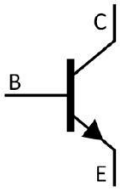
NPN

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

TIP36C

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

Power amplifier and switching applications.



PIN1 Base PIN 2 Collector PIN 3 Emitter

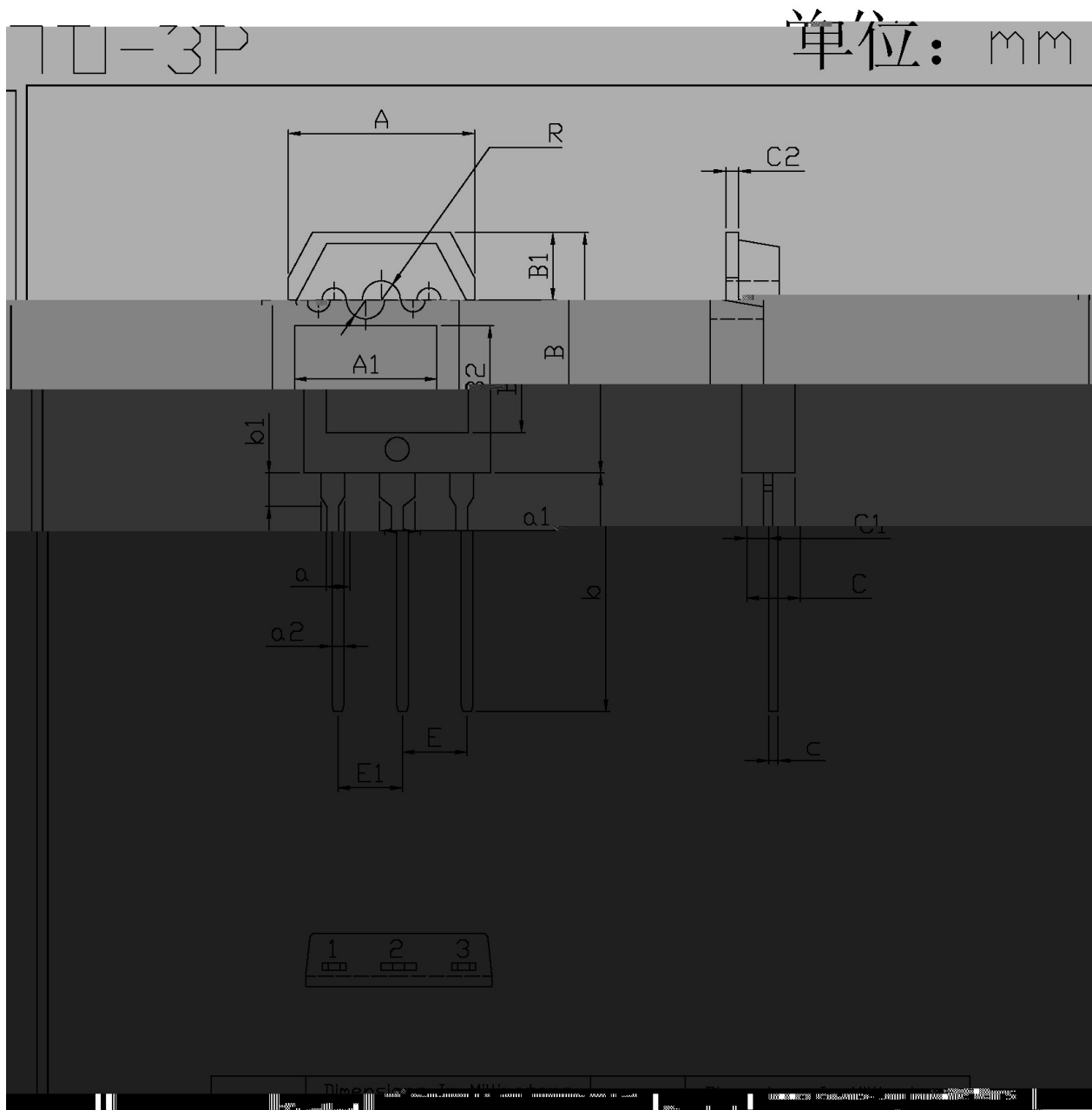
See Marking Instructions.

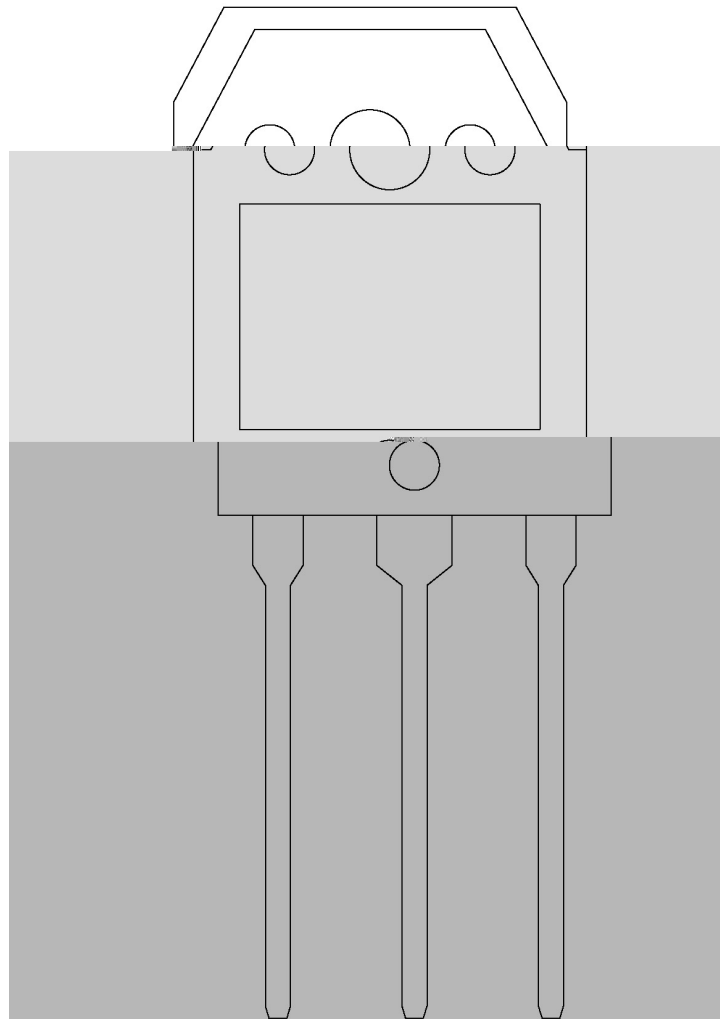
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Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	100	V
Collector to Emitter Voltage	V_{CEO}	100	V
Emitter to Base Voltage	V_{EBO}	5	V
Collector Current - Continuous	I_C	25	A
Peak Collector Current	I_{CM}	50	A
Base Current	I_B	5	A
Total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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CEO}	$V_{CE}=60V$ $I_B=0$			1	mA

CEO





BR:

TIP35C

Note:

BR:

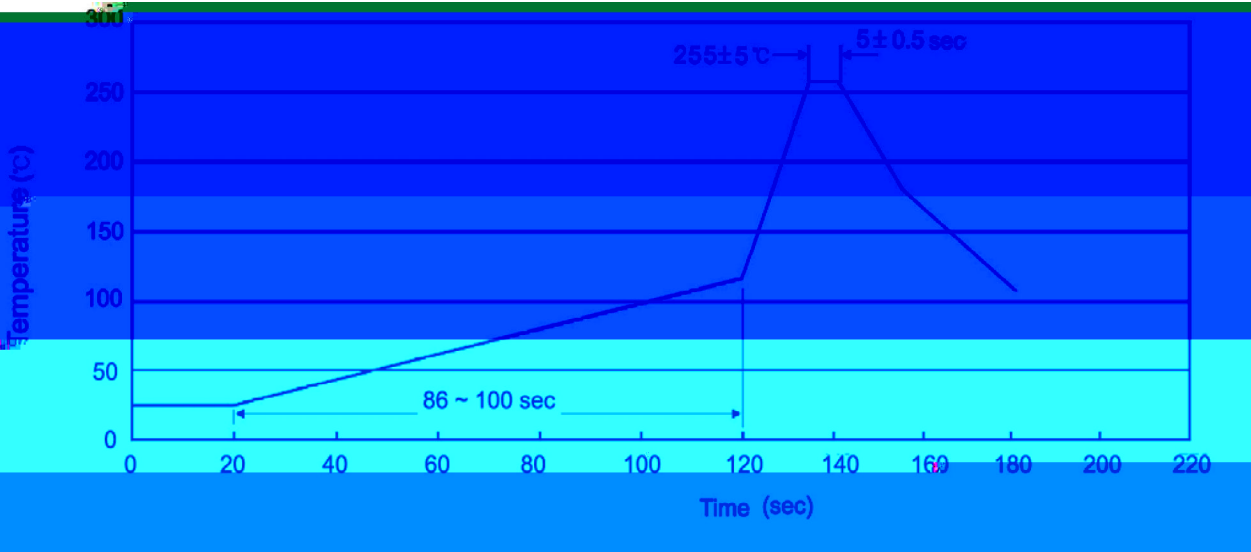
Company Code.

TIP35C:

Product Type.

****:

Lot No. Code, code change with Lot No.



- 1

25 150

60 90sec;

2

255±5

5±0.5sec;

3

2 10 /sec.
- Note:

1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:255±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

270±5

10±1 sec.

Temp.:270±5℃

Time:10±1 sec

/ 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