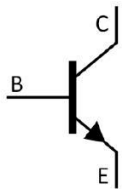


Silicon NPN transistor in a TO-263 Plastic Package.

Complement to TIP42CB.

Medium power linear switching applications.

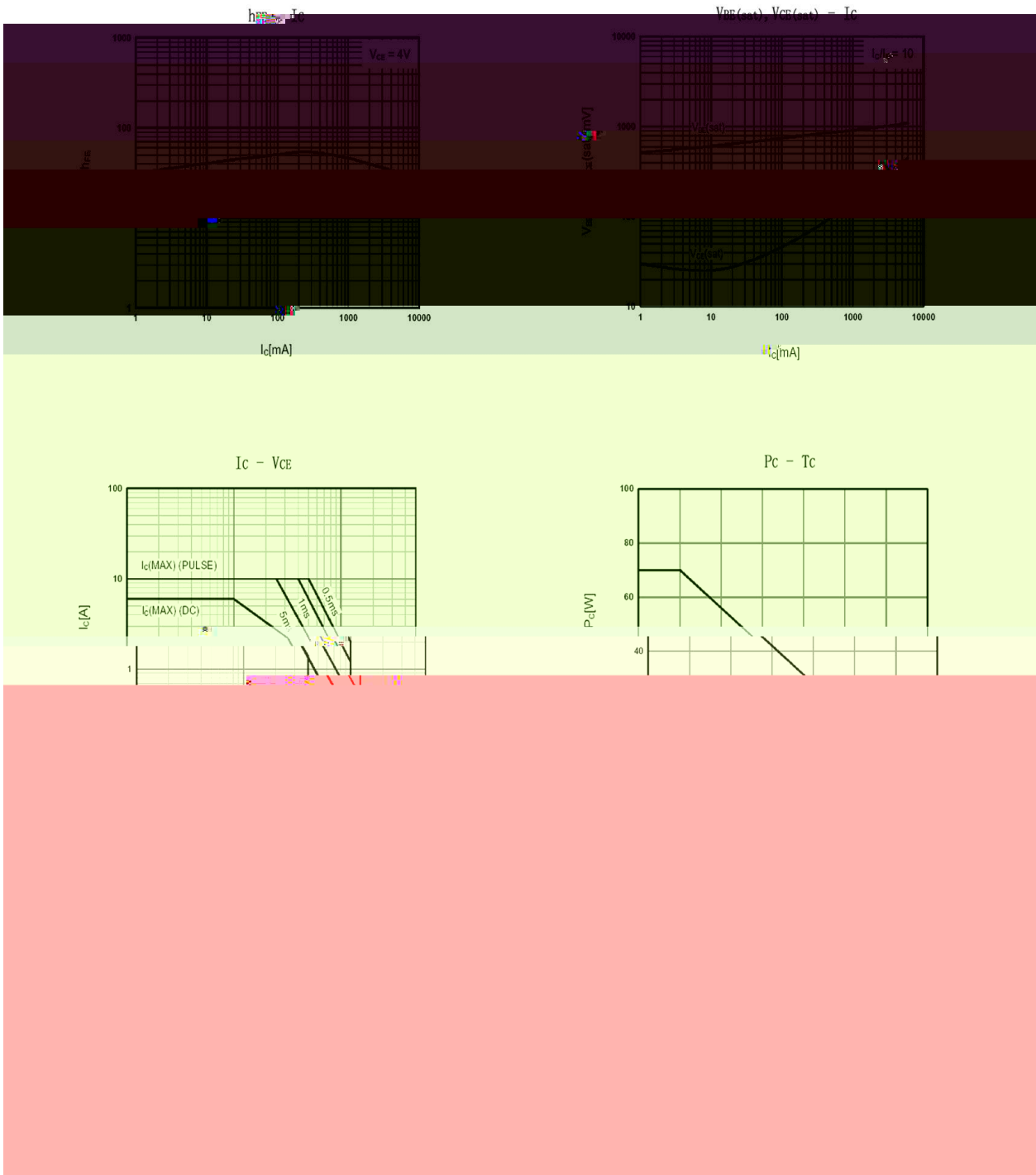


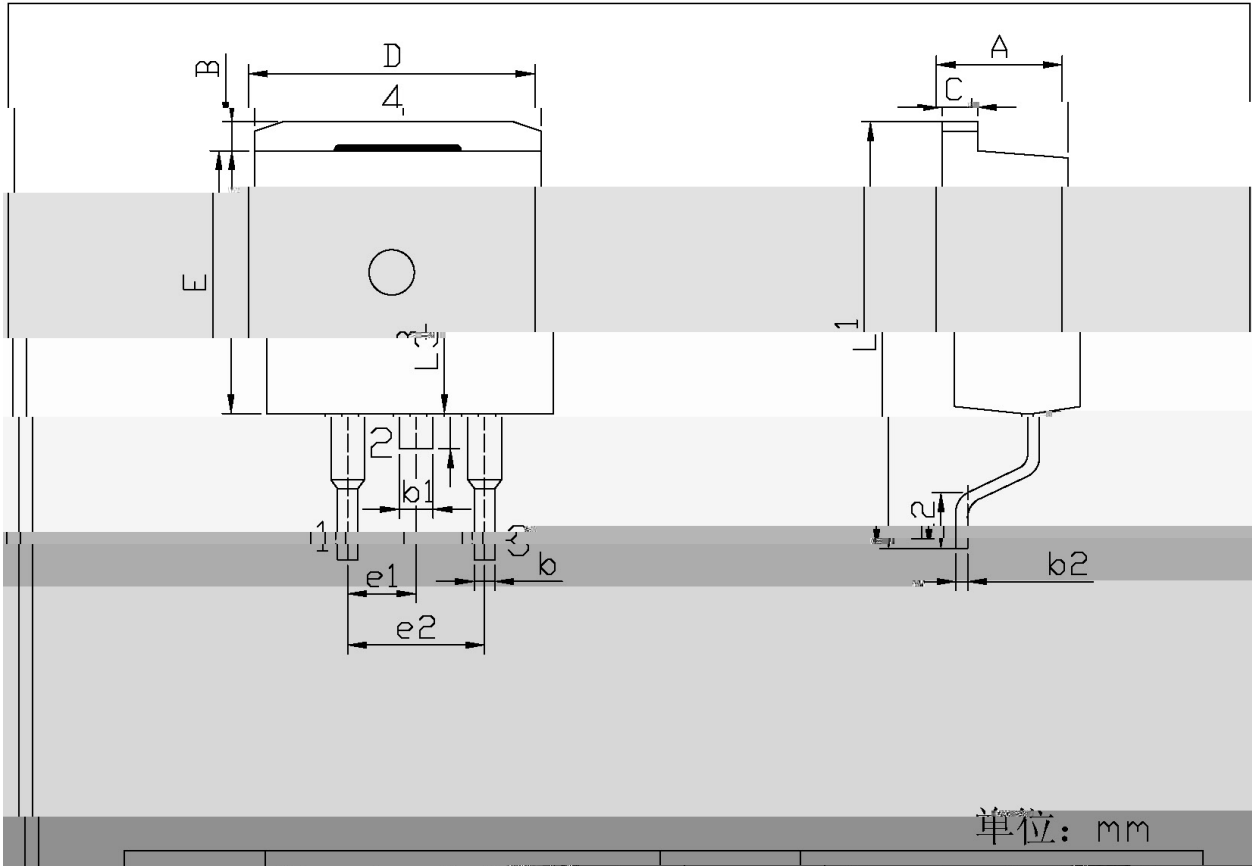
PIN 1 Base      PIN 2 4 Collector      PIN 3 Emitter

See Marking Instructions.

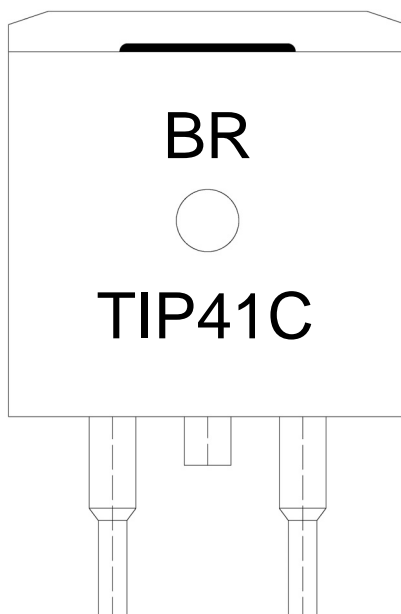
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	100	V
Collector to Emitter Voltage	$V_{CEO}$	100	V
Emitter to Base Voltage	$V_{EBO}$	5	V
Collector Current - Continuous	$I_C$	6	A
Peak Collector Current	$I_{CP}$	10	A
Base Current - Continuous	$I_B$	2	A
Collector Power Dissipation	$P_C$	2	W
Collector Power Dissipation	$P_C (T_c=25^\circ\text{C})$	65	W
Junction Temperature	$T_j$	150	
Storage Temperature Range	$T_{sag}$	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Emitter Breakdown V						





Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeter	
	Min	Max		Min	Max
A	4.30	4.70	E	9.00	9.40
B	1.00	1.40			

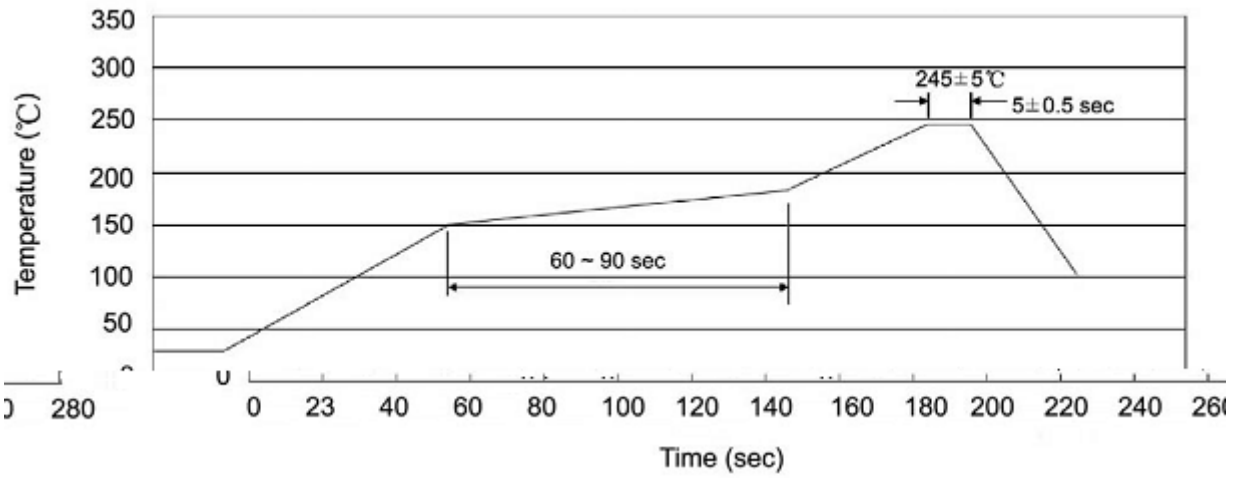


Note:

BR: Company Code

TIP41C: Product Type.

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



Note:

- |   |     |     |    |          |   |
|---|-----|-----|----|----------|---|
| 1 | 25  | 150 | 60 | 90sec;   | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 245 | 5   | 5  | 0.5sec;  | 2.Peak Temp.:245 5 , Duration:5 0.5sec. |
| 3 |     |     | 2  | 10 /sec. | 3. Cooling Speed: 2~10 /sec.            |

260	5	10	1 sec.	Temp.:260±5	Time:10±1 sec
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/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		

/ TUBE

Package Type	Units					Dimension (unit mm <sup>3</sup> )		