

Rev. G Nov.-2017

TO-220

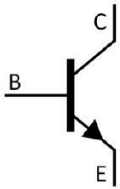
NPN

Silicon NPN transistor in a TO-220 Plastic Package.

TIP42

Complement to TIP42.

Medium power linear switching applications.



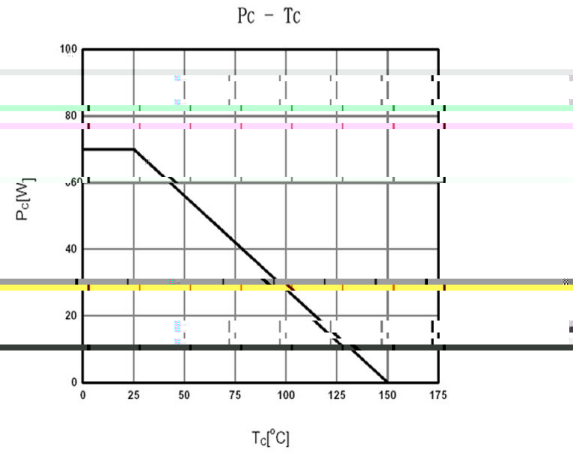
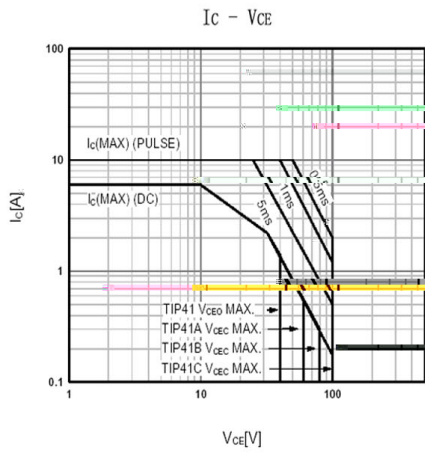
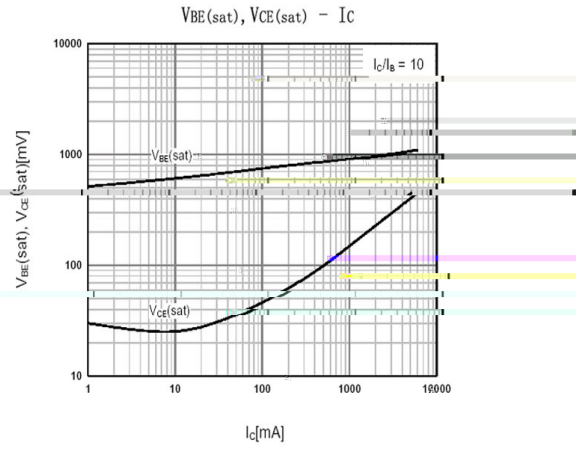
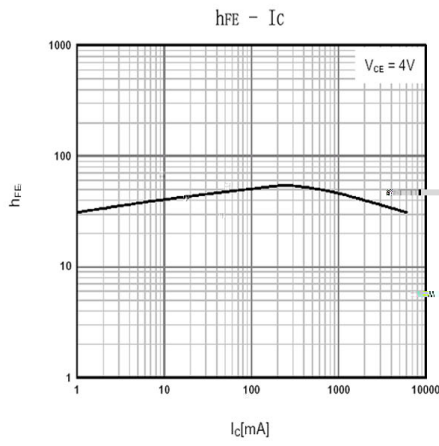
PIN1 Base

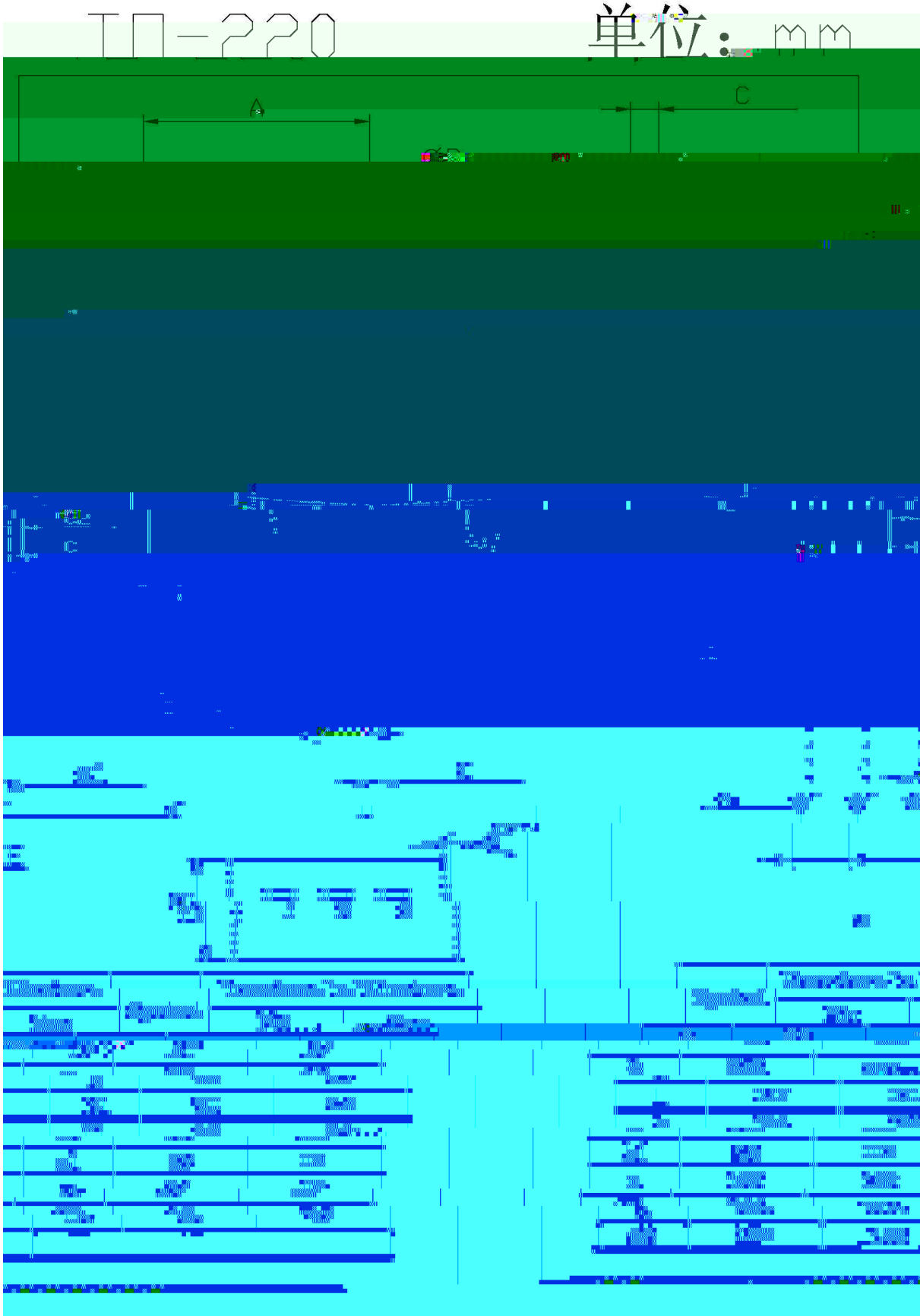
PIN 2 Collector

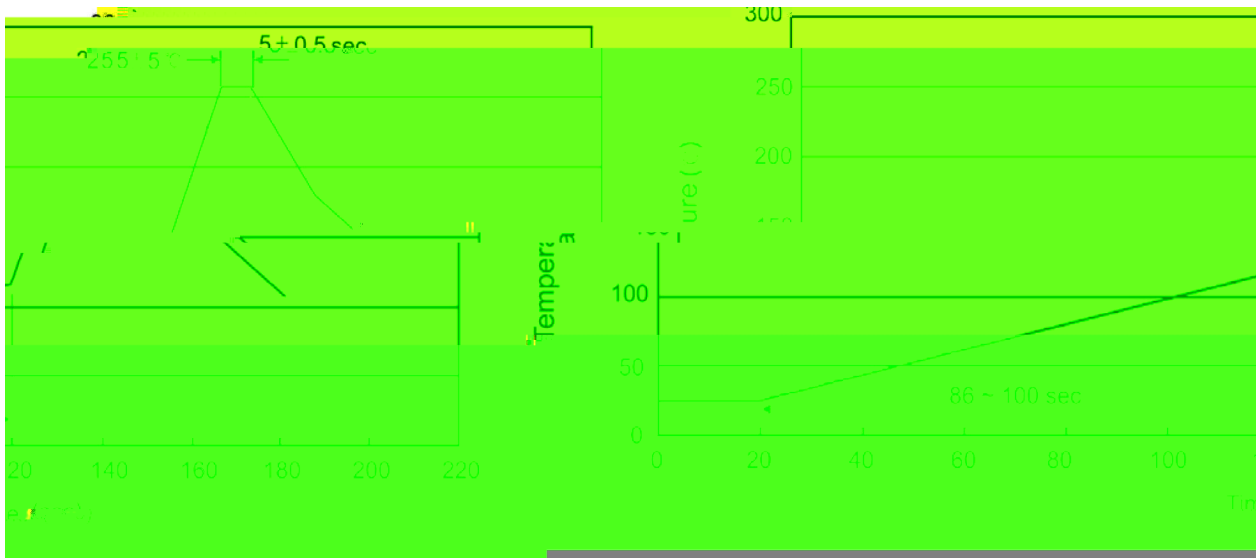
PIN 3 Emitter

See Marking Instructions.

Parameter	Symbol	Rating				Unit
		TIP41	TIP41A	TIP41B	TIP41C	
Collector to Base Voltage	V_{CBO}	40	60	80	100	V
Collector to Emitter Voltage	V_{CEO}	40	60	80	100	V
Emitter to Base Voltage	V_{EBO}	5				V
Collector Current - Continuous	I_C	6				A
Peak Collector Current	I_{CP}	10				A







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|---|-------------|-----|------------------|--------|
| 1 | 25 | 150 | 60 | 90sec; |
| 2 | 255 ± 5 | | 5 ± 0.5 sec; | |
| 3 | | 2 | 10 | /sec. |

Note:

1. Preheating: 25~150 , Time: 60~90sec.
2. Peak Temp.: 255 ± 5 , Duration: 5 ± 0.5 sec.
3. Cooling Speed: 2~10 /sec.

 270 ± 5
 10 ± 1 sec.

 Temp.: 270 ± 5

 Time: 10 ± 1 sec

/ BULK

Package Type 封装形	Units 包装数	Dimension 包装尺寸 (unit: mm ³)
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