

Rev. G Nov.-2017

TO-220

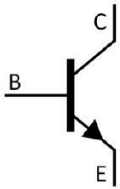
NPN

Silicon NPN transistor in a TO-220 Plastic Package.

TIP42

Complement to TIP42.

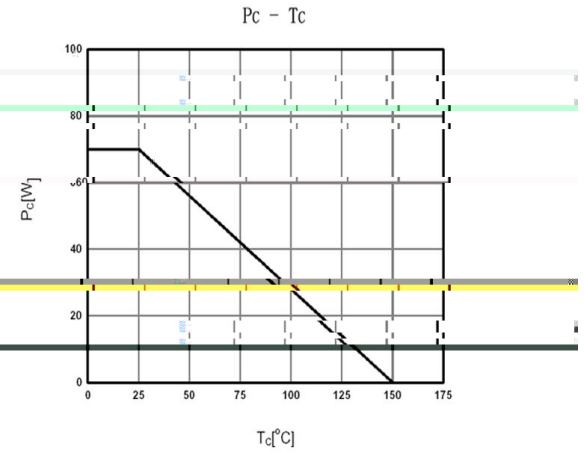
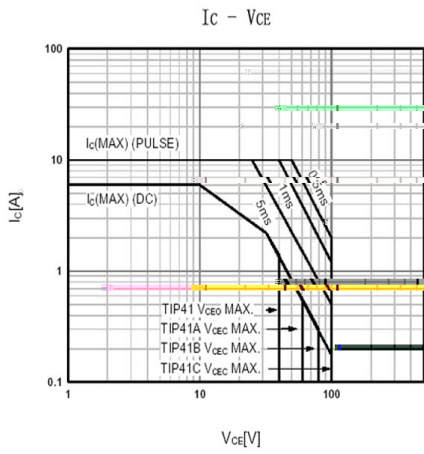
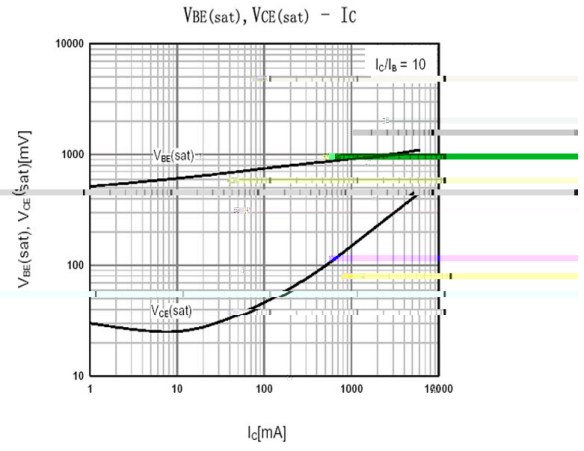
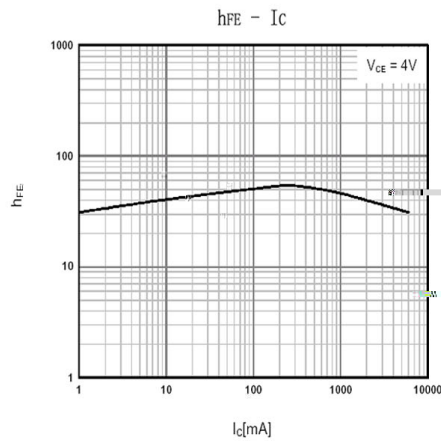
Medium power linear switching applications.

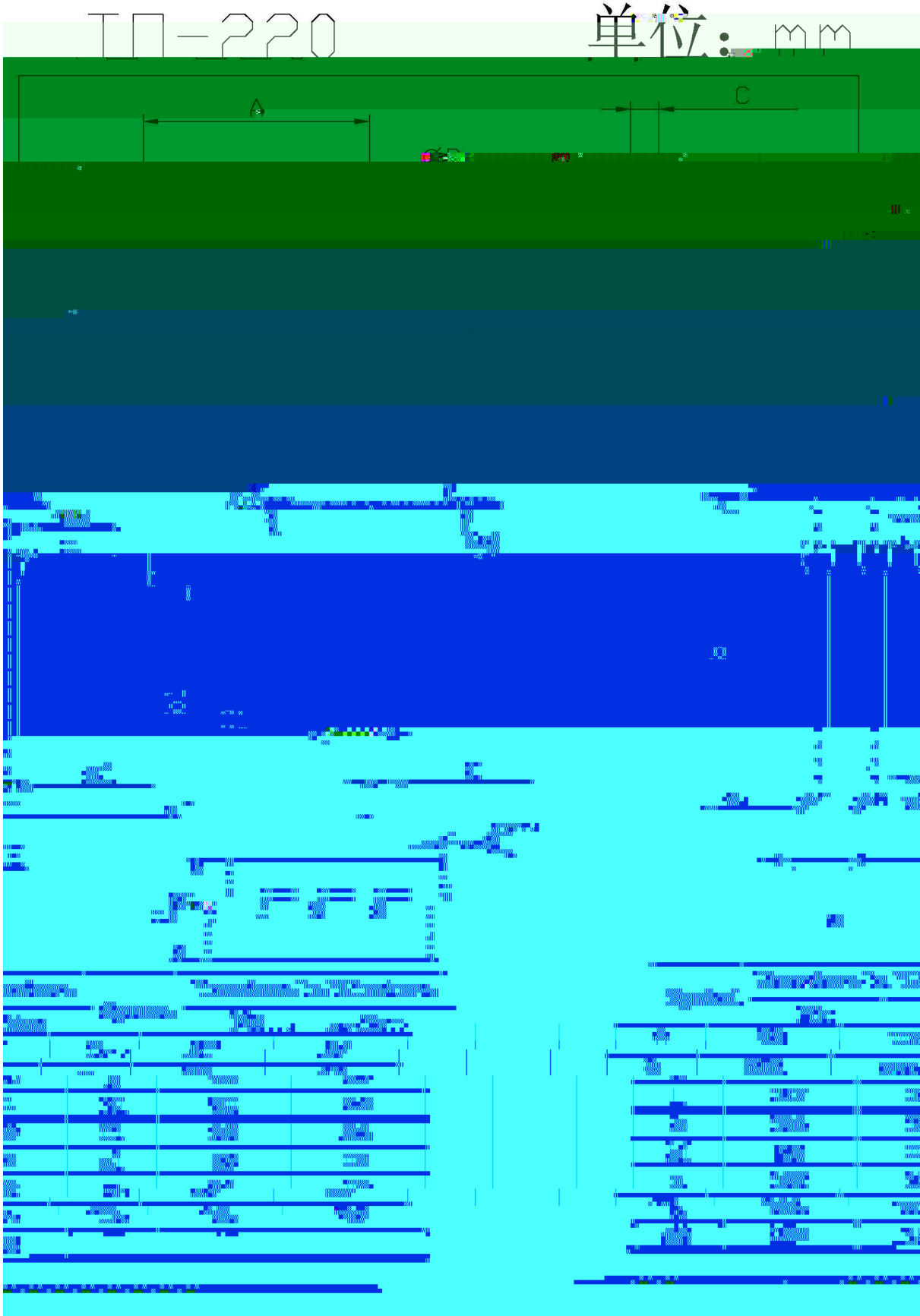


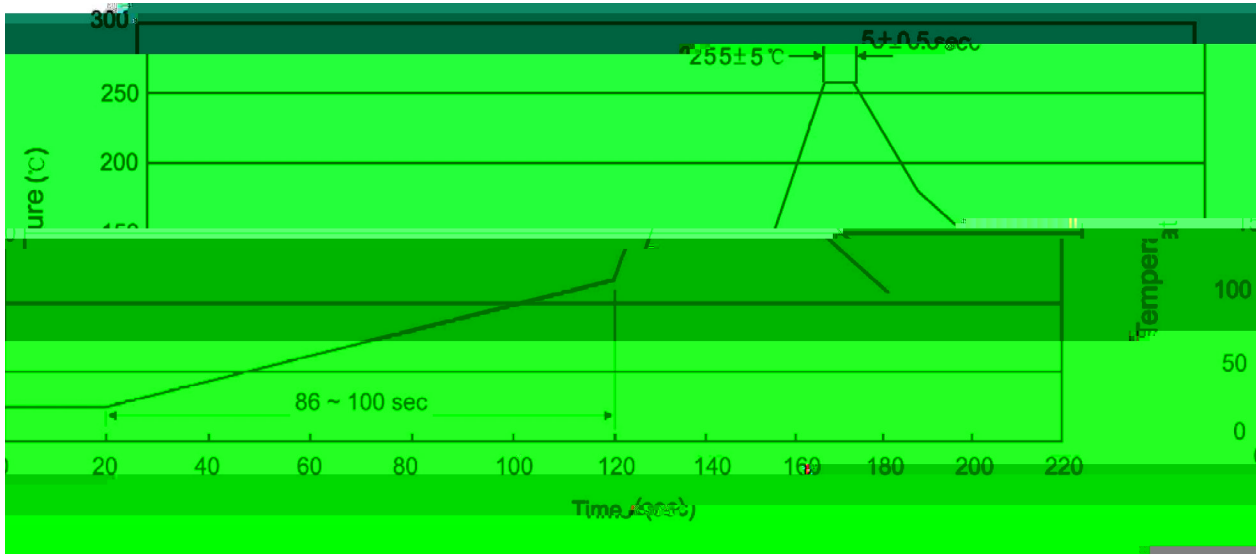
PIN1 Base PIN 2 Collector PIN 3 Emitter

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







- | | | | | |
|---|-------|-----|-----------|----------|
| 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

/ BULK

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