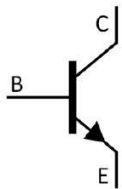


Rev. G Nov.-2017

TO-220      NPN      Silicon NPN transistor in a TO-220 Plastic Package.

TIP42  
Complement to TIP42.

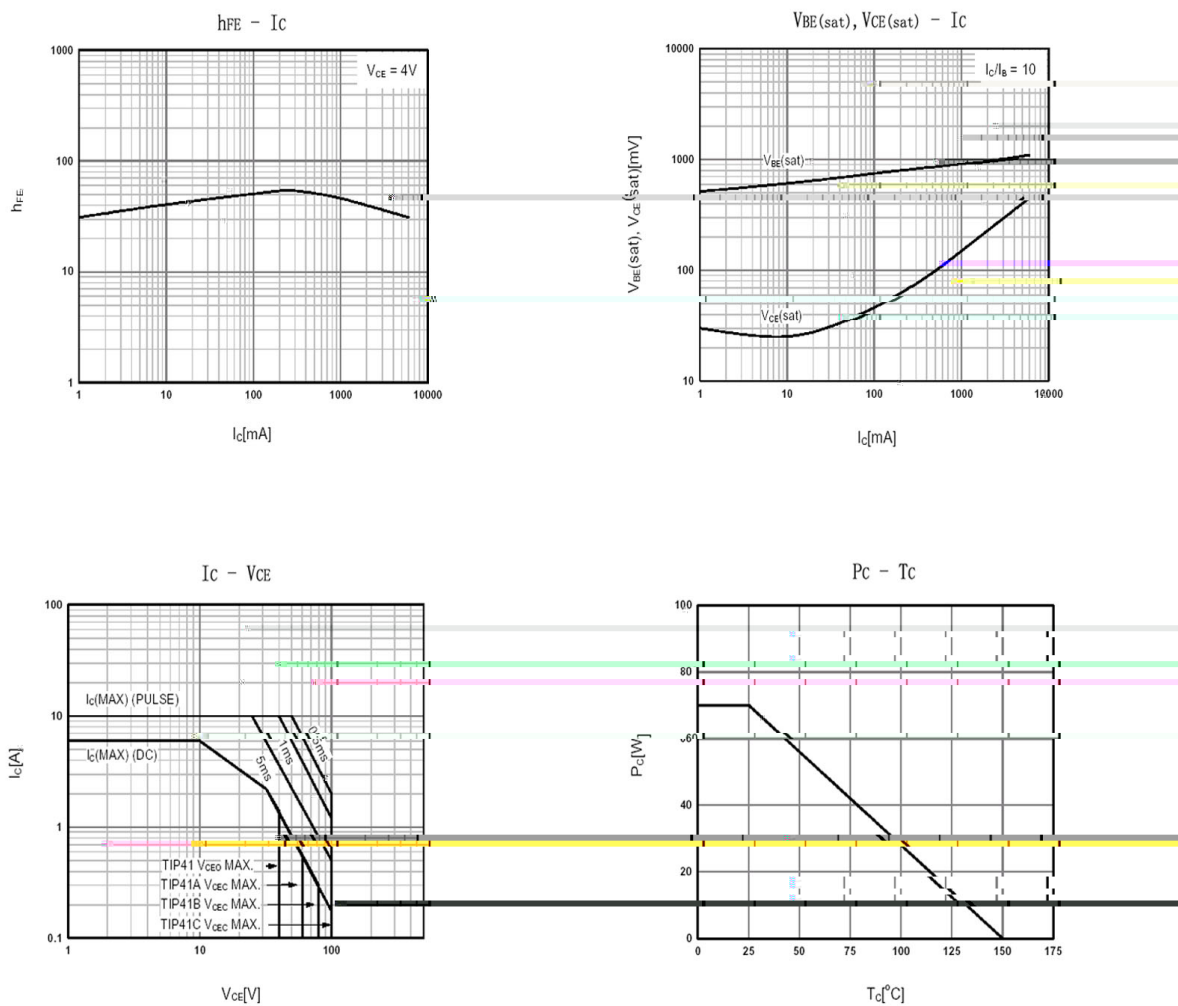
Medium power linear switching applications.

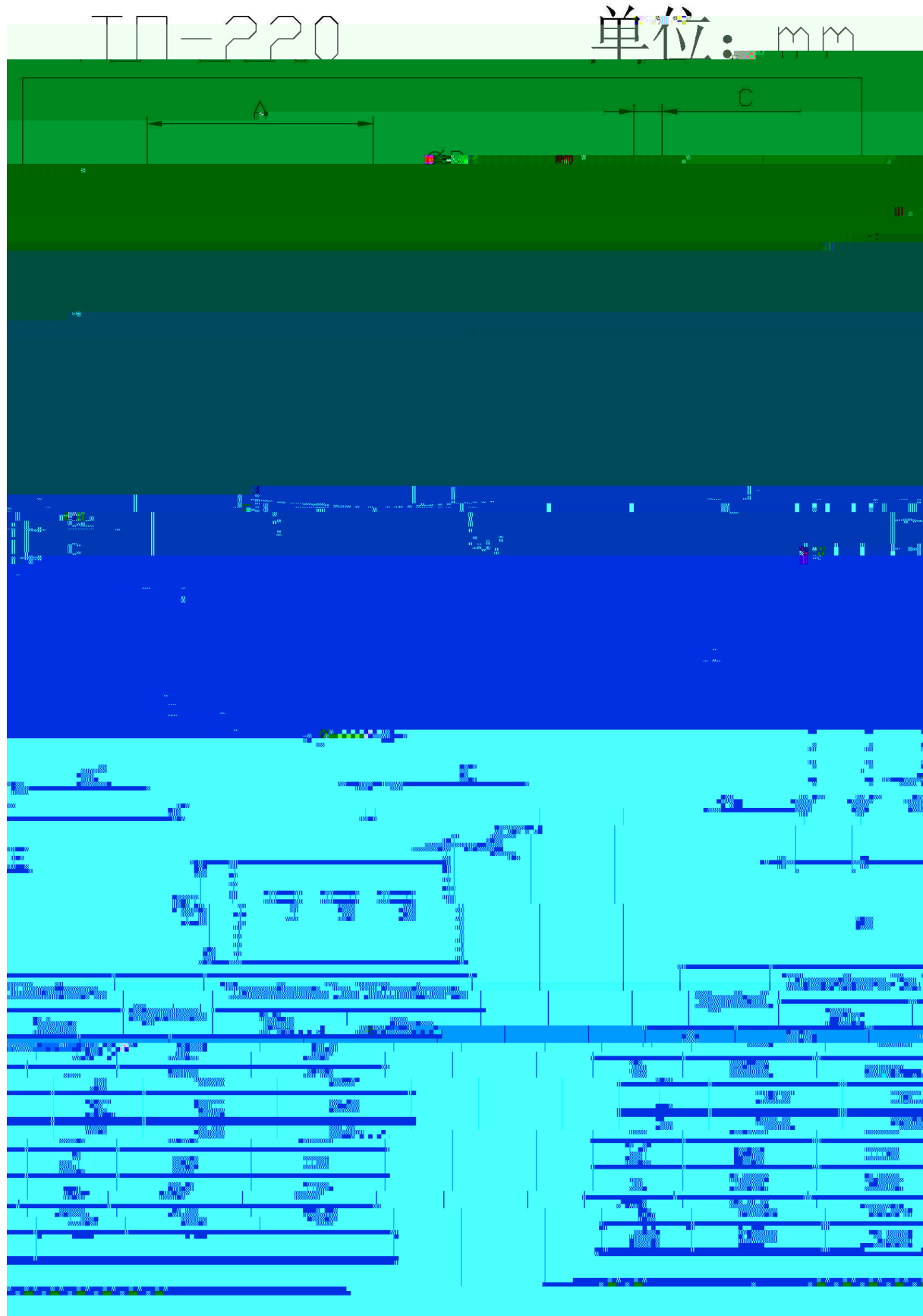


PIN1   Base      PIN 2   Collector      PIN 3   Emitter

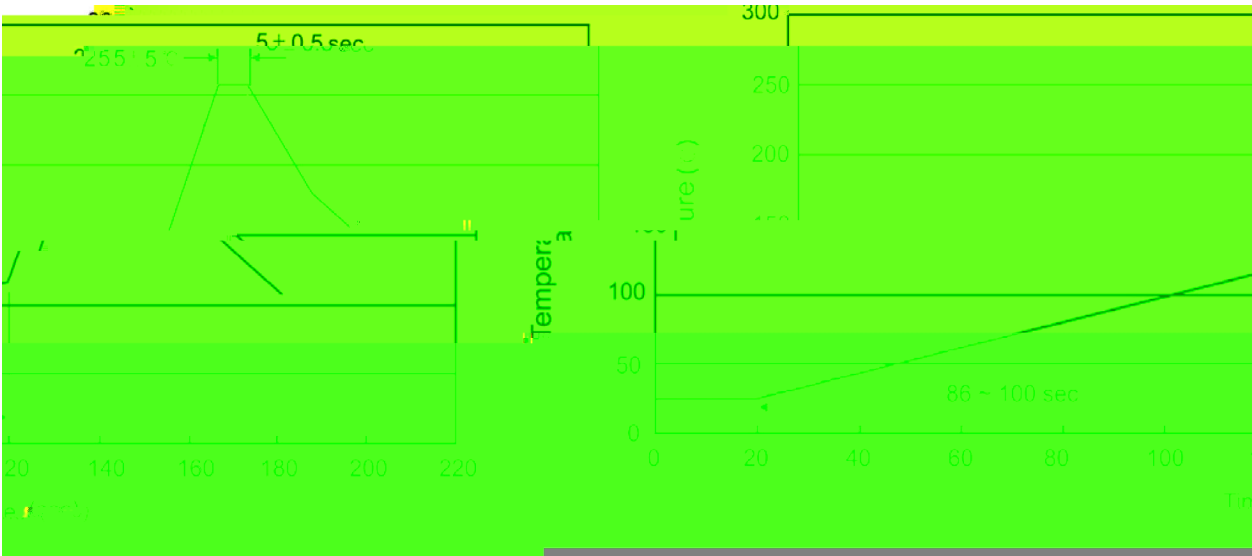
See Marking Instructions.

| 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    |









- 1251506090sec;

2255±55±0.5sec;

3210/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±510±1 sec.Temp.:270±5Time:10±1 sec

/ BULK

|                     |           |                                         |
|---------------------|-----------|-----------------------------------------|
| Package Type<br>封装形 | Units 包装数 | Dimension 包装尺寸 (unit: mm <sup>3</sup> ) |
|---------------------|-----------|-----------------------------------------|