

Rev.E Mar.-2016

TO-92 NPN Silicon NPN transistor in a TO-92 Plastic Package.

$G_{pe} = 33\text{dB}$ () ($f = 45\text{MHz}$), h_{FE}
High gain: $G_{pe} = 33\text{dB}$ (Typ) ($f = 45\text{MHz}$), good linearity of h_{FE} .

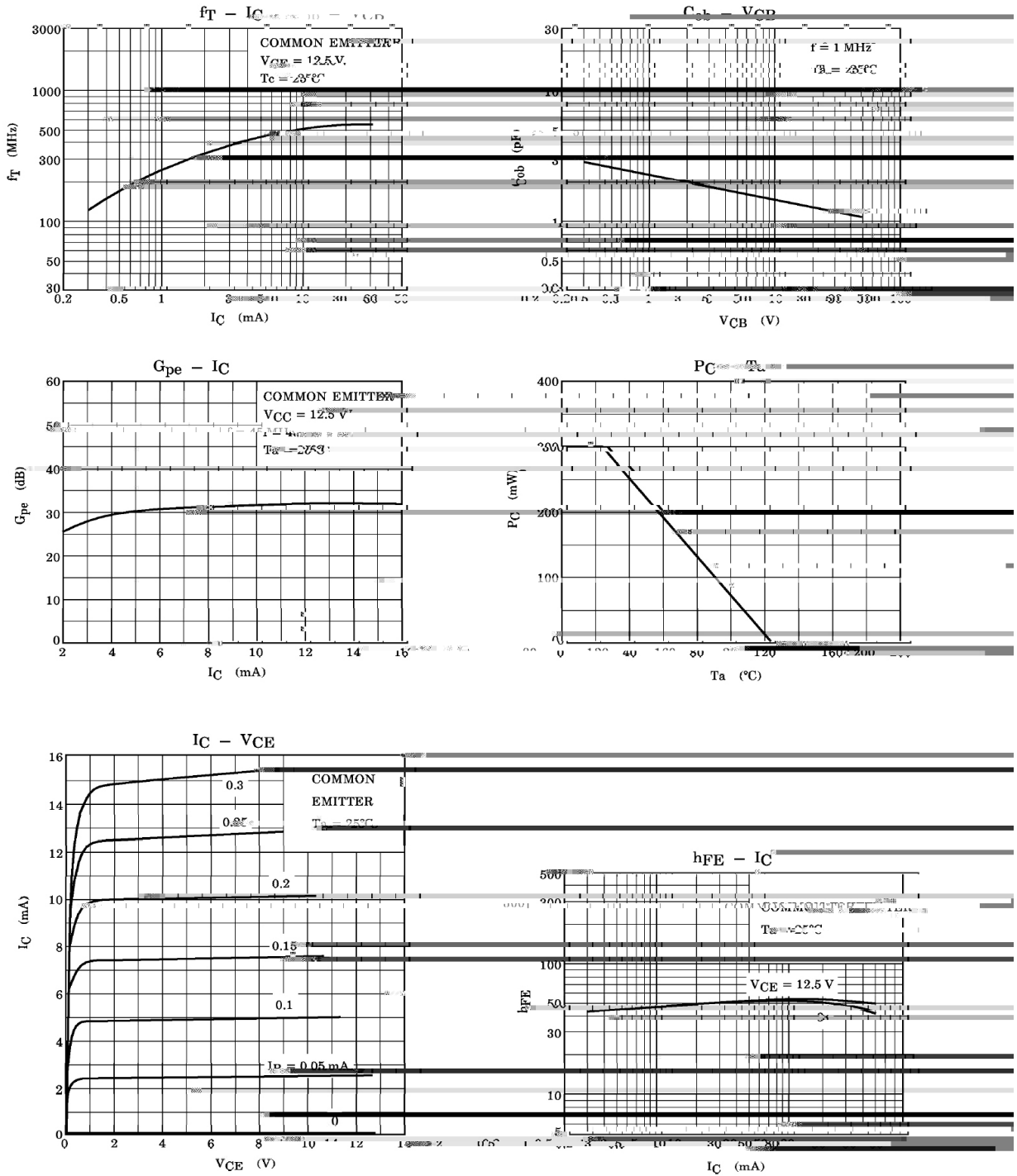
TV final picture IF amplifier applications.



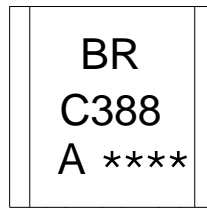
PIN 1 Base PIN 2 Collector PIN 3 Emitter

See Marking Instructions.

| Parameter | Symbol | Rating | Unit |
|--------------------------------|-----------|--------|------|
| Collector to Base Voltage | V_{CBO} | 30 | V |
| Collector to Emitter Voltage | V_{CEO} | 25 | V |
| Emitter to Base Voltage | V_{EBO} | 4.0 | V |
| Collector Current - Continuous | I_C | 50 | mA |
| Emitter Current - Continuous | I | | |







BR:

C388

A:

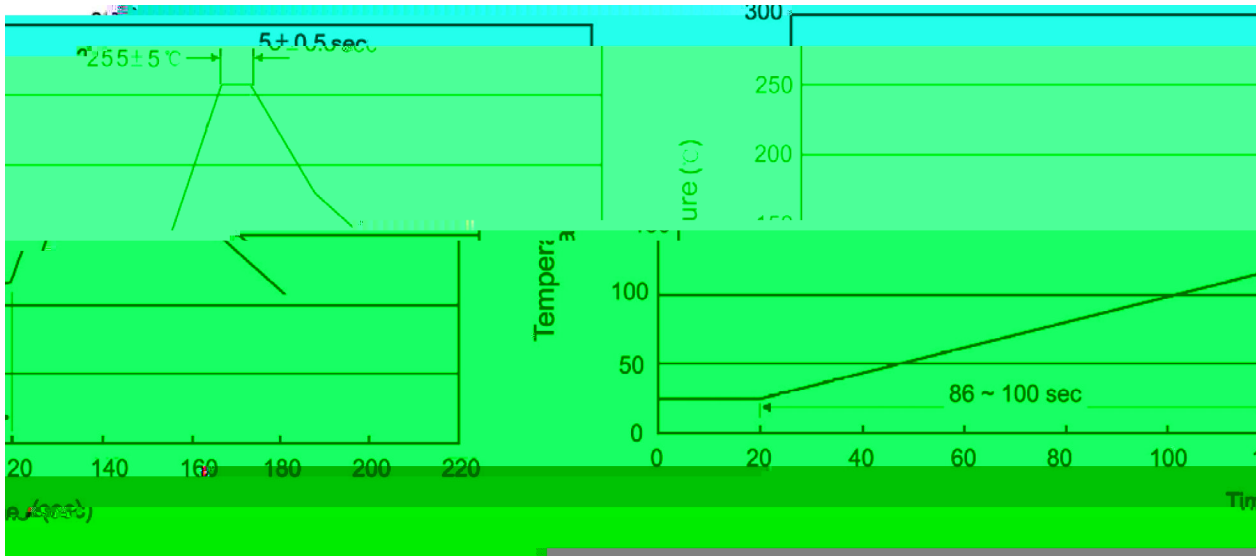
Note:

BR: Company Code.

C388: Product Type.

A: Spec Subdivision

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


Note:

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

270±5

10±1 sec.

Temp: 270±5

Time: 10±1 sec

/ BULK

| Package Type 封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: mm ³) | | |
|----------------------|------------------|-----------------------|------------------------|------------------------------|------------------------|---|-------------|-------------|
| | Units/Bag 只/袋 | Bags/Inner Box 袋/盒 | Units/Inner Box 只/盒 | Inner Boxes/Outer Box 盒/箱 | Units/Outer Box 只/箱 | Bag 袋 | Inner Box 盒 | Outer Box 箱 |
| TO-92 | 1,000 | 10 | 10,000 | 5 | 50,000 | 135×190 | 237×172×102 | 560×245×195 |
| | 1,000 | 10 | 10,000 | 10 | 100,000 | 135×190 | 237×172×102 | 560×245×375 |

/ AMMO

| Package Type 封装形式 | Units 包装数量 | | | | | Dimension 包装尺寸 (unit: mm ³) | |
|----------------------|--------------------|------------------------|-------------------------|------------------------------|------------------------|---|-----------------------------------|
| | Units/tape 只/纸带 | Tape/Inner Box 纸带/盒 | Rows/Inner Box 纸带层/盒 | Inner Boxes/Outer Box 盒/箱 | Units/Outer Box 只/箱 | Inner Box 盒 | Outer Box 箱 |
| TO-92 | 3,000 | 1 | 120 | 10 | 30,000 | 328×230×42 | 小箱 480×346×235, 大箱 547×407×268 |