

/ Descriptions

TO-126F NPN Silicon NPN transistor in a TO-126F Plastic Package.

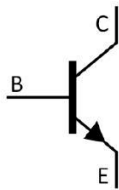
/ Features

High DC current gain, low saturation voltage,high collector power dissipation.

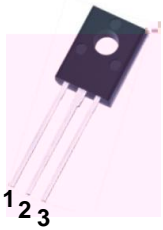
/ Applications

Storobo flash applications, medium power amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN1 Emitter PIN 2 Collector PIN 3 Base

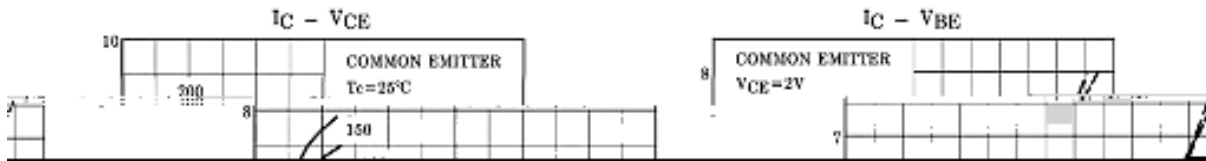
/ h_{FE} Classifications & Marking

| | | | |
|------------------------------------|---------|---------|---------|
| h_{FE} Classifications Symbol | Y | GR | BL |
| h_{FE} Range | 140 240 | 200 400 | 300 600 |

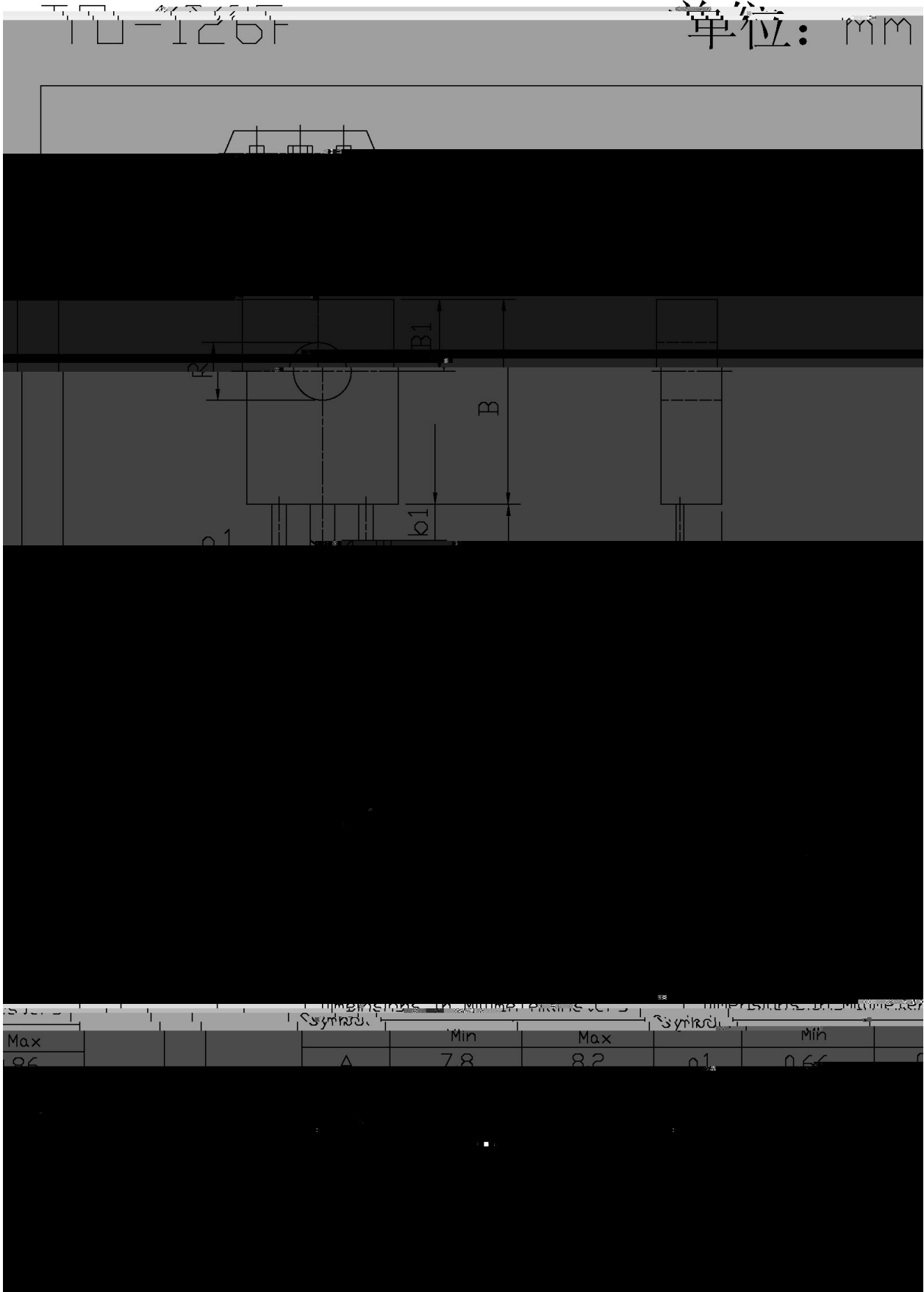
| Parameter | Symbol | Rating | Unit |
|---------------------------|-----------|--------|------|
| Collector to Base Voltage | V_{CBO} | 50 | V |

94 0

/ Electrical Characteristic Curve



/ Package Dimensions



| Symbol | Min | Max | Symbol | Min | Max |
|--------|-----|-----|--------|------|-----|
| A | 7.8 | 8.2 | b1 | 0.66 | 0.7 |

/ Marking Instructions



BR

C3420

Y

h_{FE}

Note:

BR: Company Code

C3420: Product Type.

Y: h_{FE} Classifications Symbol

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

