

### / Descriptions

Silicon NPN transistor in a SOT-23 Plastic Package.

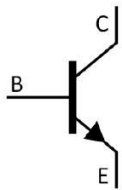
### / Features

High gain, good linearity of  $h_{FE}$ .

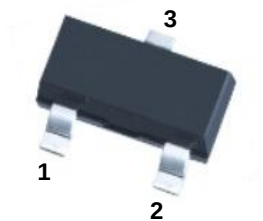
### / Applications

TV final picture IF amplifier applications.

### / Equivalent Circuit



### / Pinning



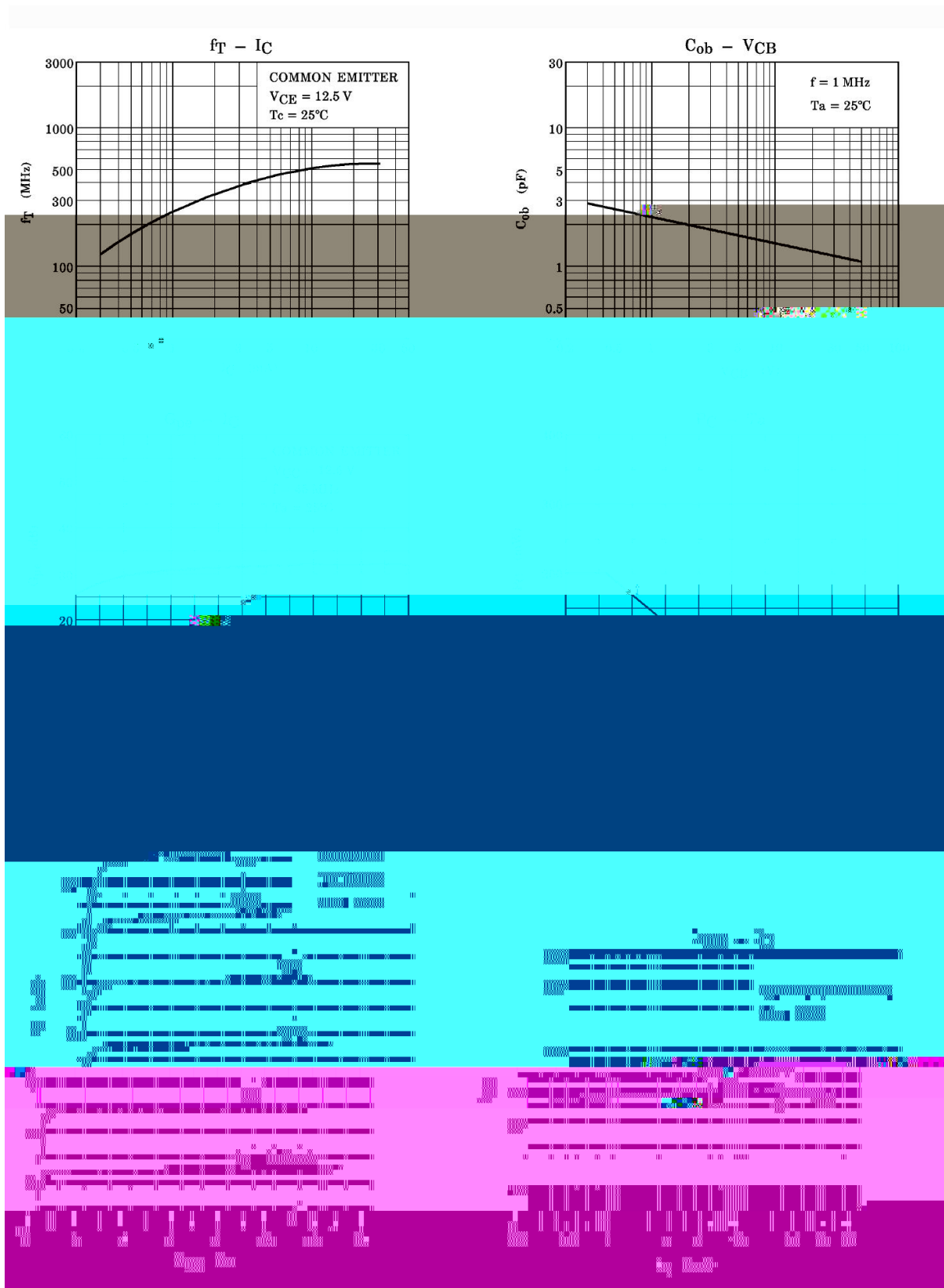
PIN1 Base      PIN 2 Emitter      PIN 3 Collector

### / $h_{FE}$ Classifications & Marking

|                |        |
|----------------|--------|
| $h_{FE}$ Range | 40 240 |
| Marking        | H17    |

**2SC2717M**

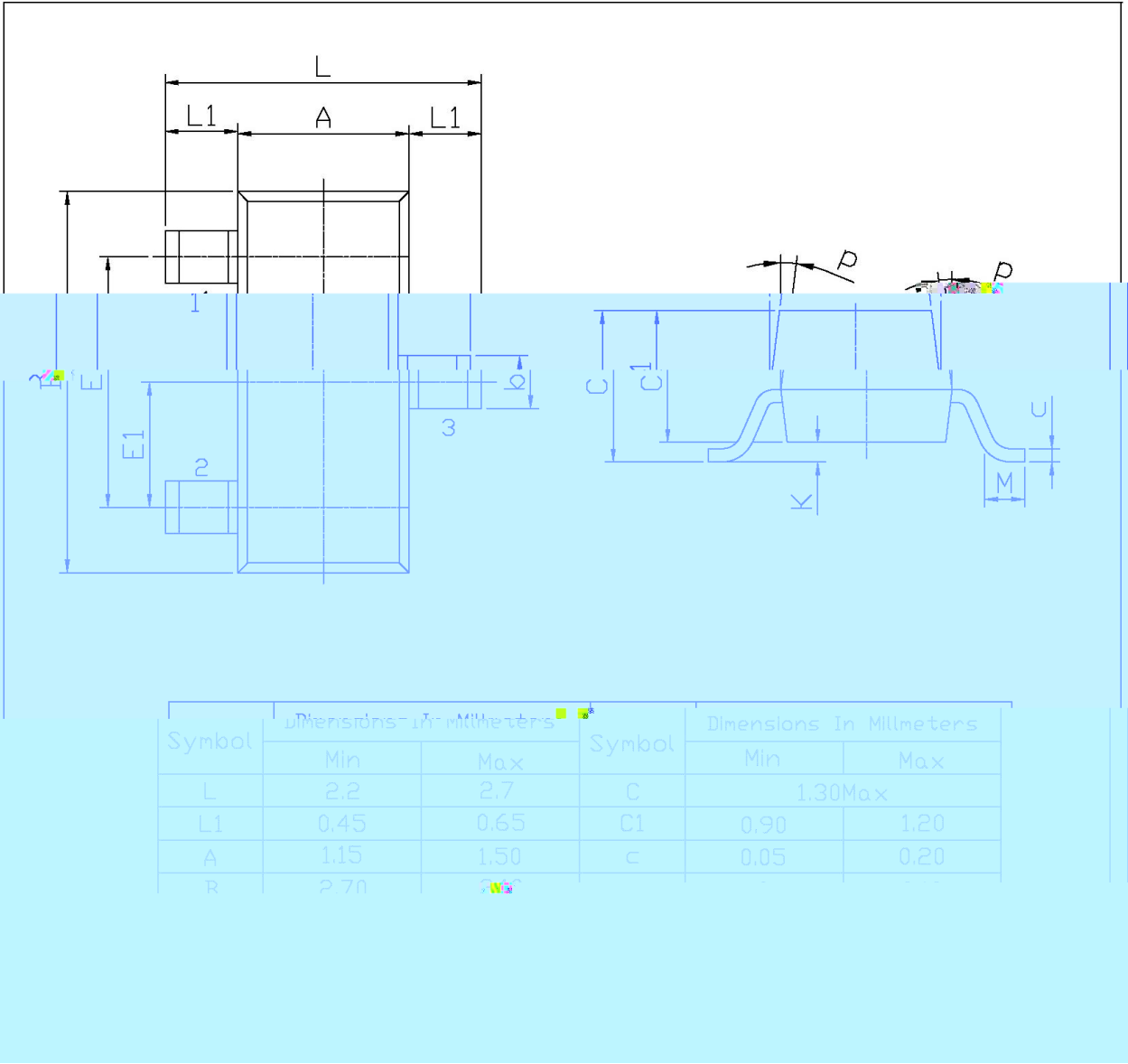
/ Electrical Characteristic Curve



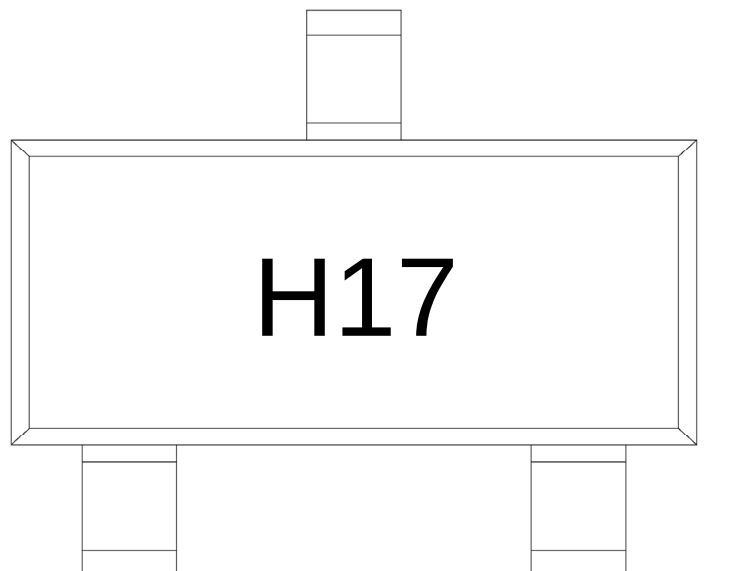
/ Package Dimensions

SOT-23

单位：mm



**/ Marking Instructions**

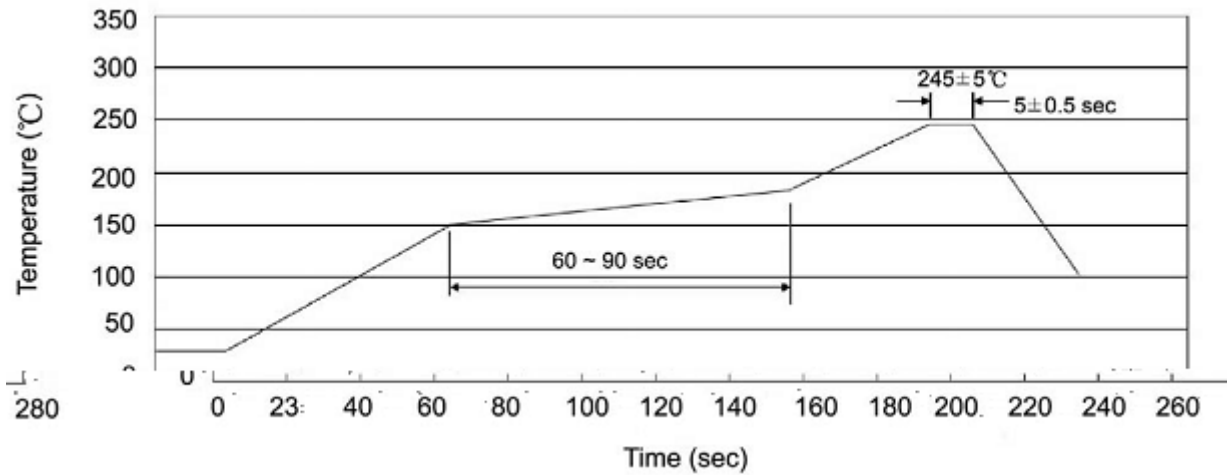


Note:

Company Code

Product Type Code

( ) / **Temperature Profile for IR Reflow Soldering(Pb-Free)**



Note:

- |   |     |     |    |         |                                         |
|---|-----|-----|----|---------|-----------------------------------------|
| 1 | 25  | 150 | 60 | 90sec;  | 1.Preheating:25~150 , Time:60~90sec.    |
| 2 | 245 | 5   | 5  | 0.5sec; | 2.Peak Temp.:245 5 , Duration:5 0.5sec. |
| 3 |     | 2   | 10 | /sec.   | 3. Cooling Speed: 2~10 /sec.            |

/ **Resistance to Soldering Heat Test Conditions**

260 5                      10 1 sec.                      Temp.:260±5                      Time:10±1 sec

/ **Packaging SPEC.**

/ REEL

| Package Type | Units      |                 |                 |                       |                 | Dimension (unit mm <sup>3</sup> ) |             |             |
|--------------|------------|-----------------|-----------------|-----------------------|-----------------|-----------------------------------|-------------|-------------|
|              | Units/Reel | Reels/Inner Box | Units/Inner Box | Inner Boxes/Outer Box | Units/Outer Box | Reel                              | Inner Box   | Outer Box   |
| SOT-23       | 3,000      | 10              | 30,000          | 6                     | 180,000         | 7 ×8                              | 180×120×180 | 390×385×205 |

/ **Notices**