

## / Descriptions

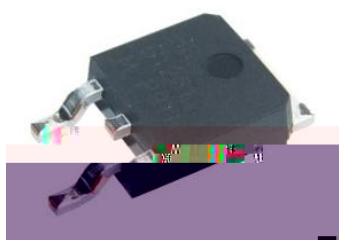
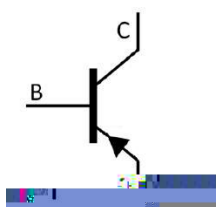
WR0585      SQS      Silicon PNP transistor in a TO-252 Plastic Package.

## / Features

P ELW

High breakdown voltage, adoption of MBIT process excellent  $h_{FE}$  linearity

High voltage driver applications.

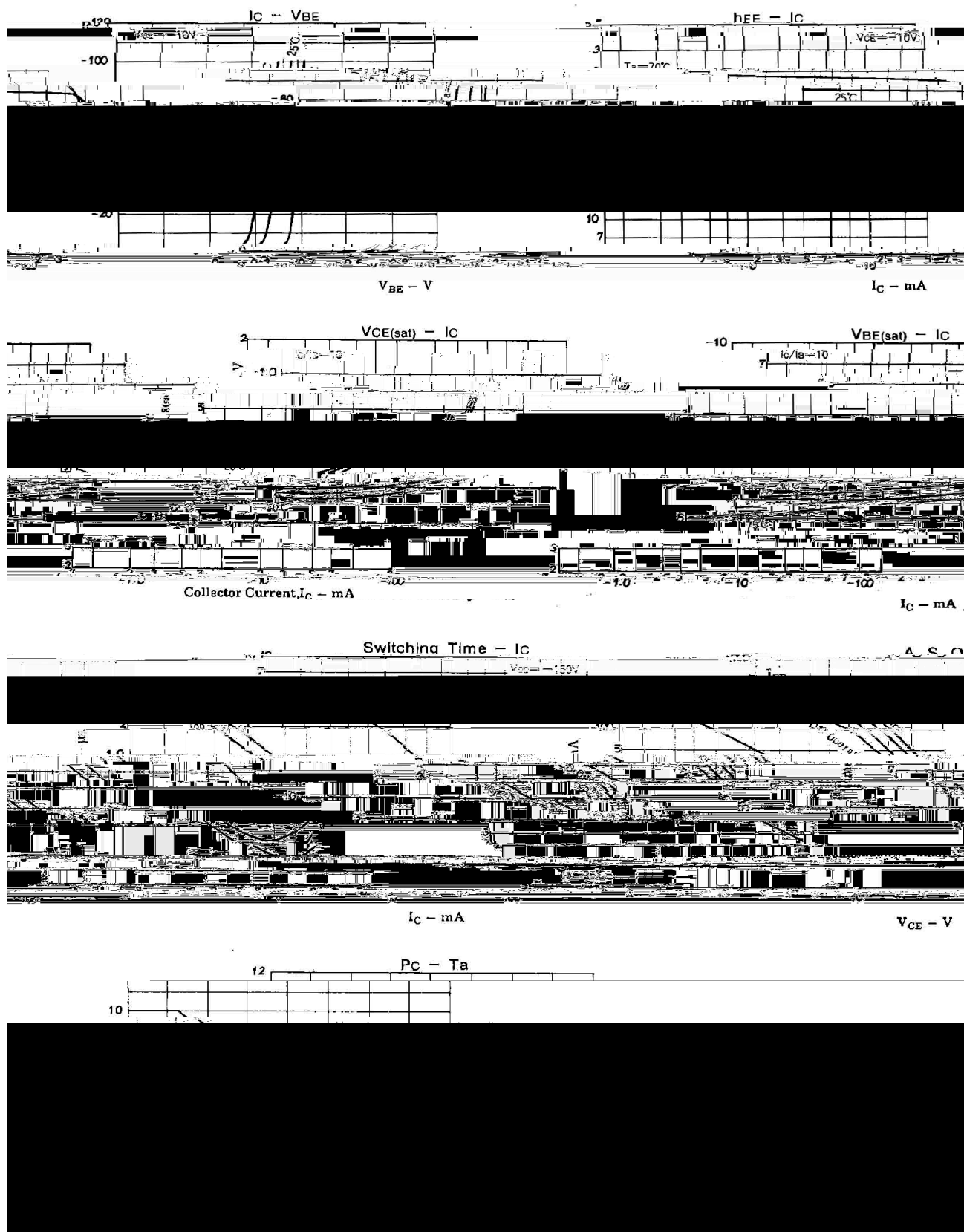


PIN1   Base      PIN 2,4   Collector      PIN 3   Emitter

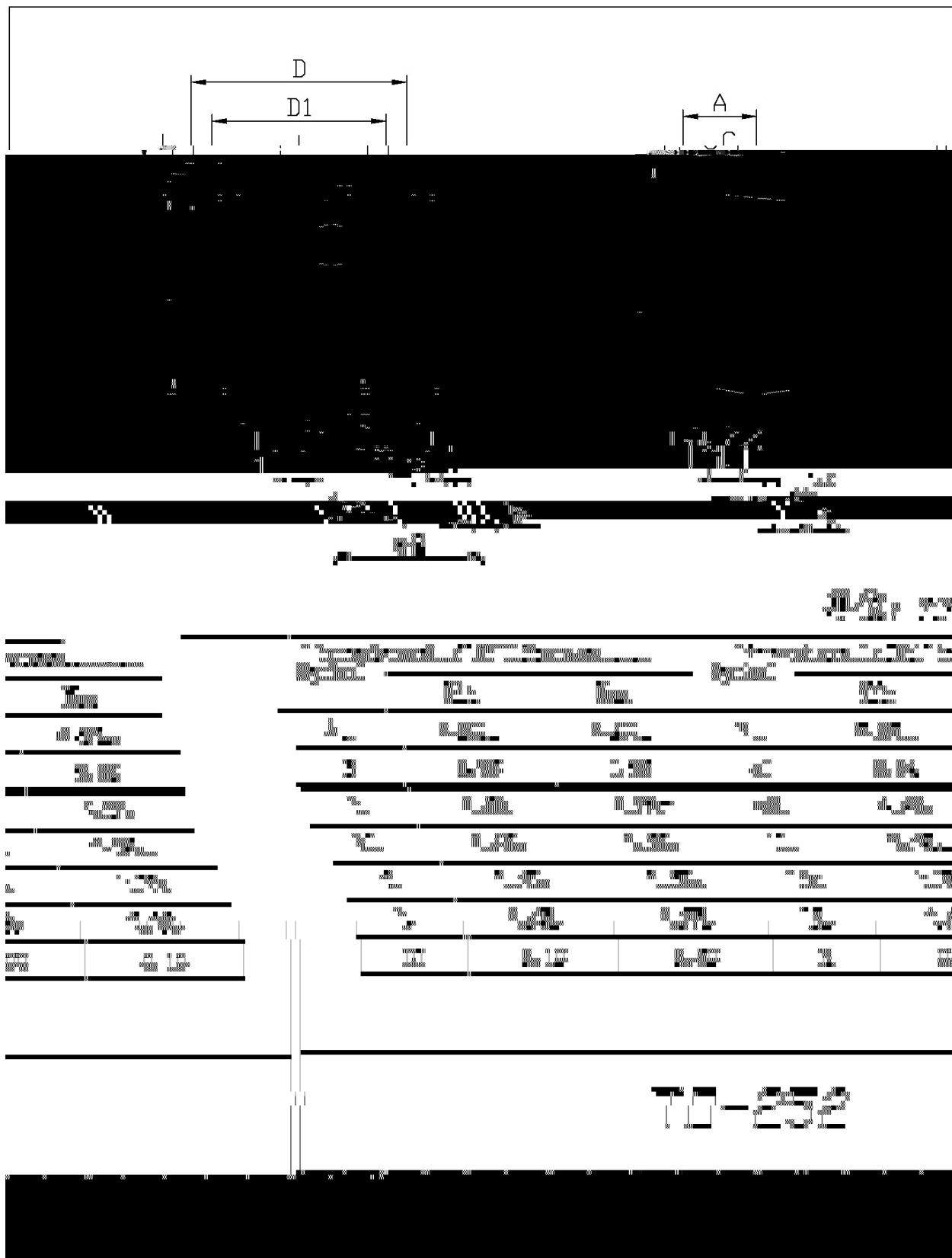
## / $h_{FE}$ Classifications & Marking

| Parameter                 | Symbol    | Rating | Unit |
|---------------------------|-----------|--------|------|
| Collector to Base Voltage | $V_{CBO}$ | -400   | V    |

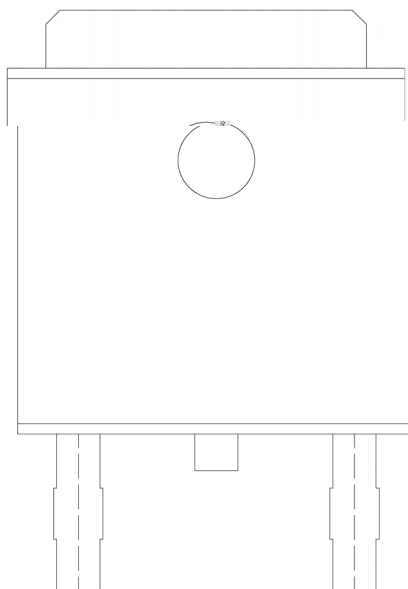
/ Electrical Characteristic Curve



/ Package Dimensions



## / Marking Instructions



BR

A1700

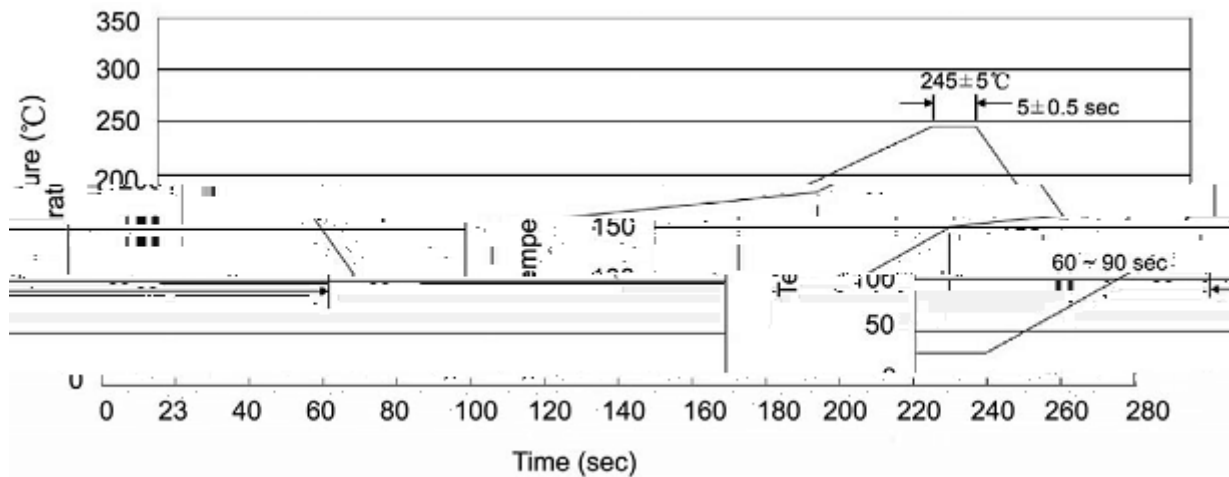
D:  $h_{FE}$

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Note:

BR: A13( )Tj22mpawCFO

( ) / **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 |           |                         |