## / Descriptions

VRW056 ḾḾ Ḫ QSQ ÆṀ ч s Ⅱㄱ Silicon NPN transistor in a SOT-23 Plastic Package.

## / Features

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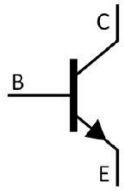
Large current capacity ,low $V_{CE\ sat}$ ,wide ASO.

## / Applications

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Audio frequency amplifier, medium-speed switching, small-sized motor drivers.

## / Equivalent Circuit



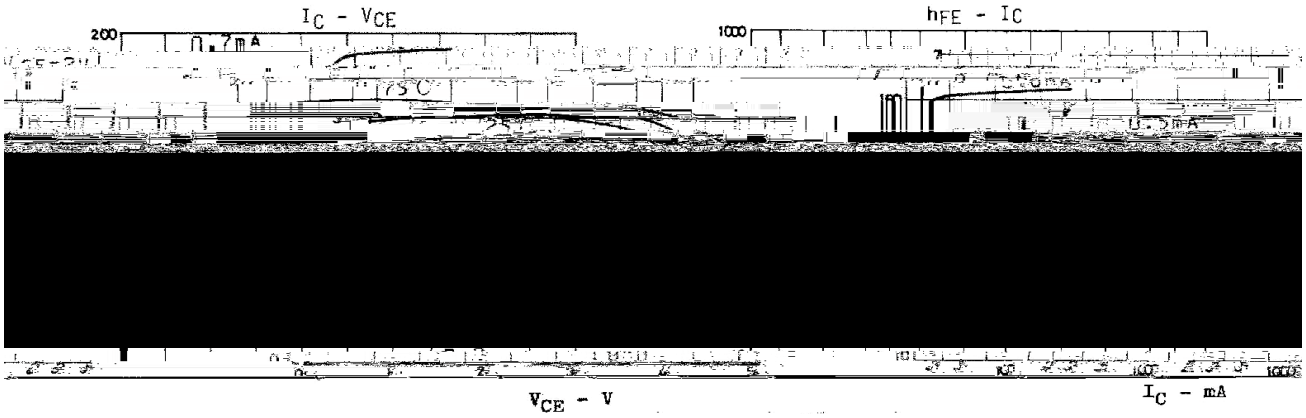


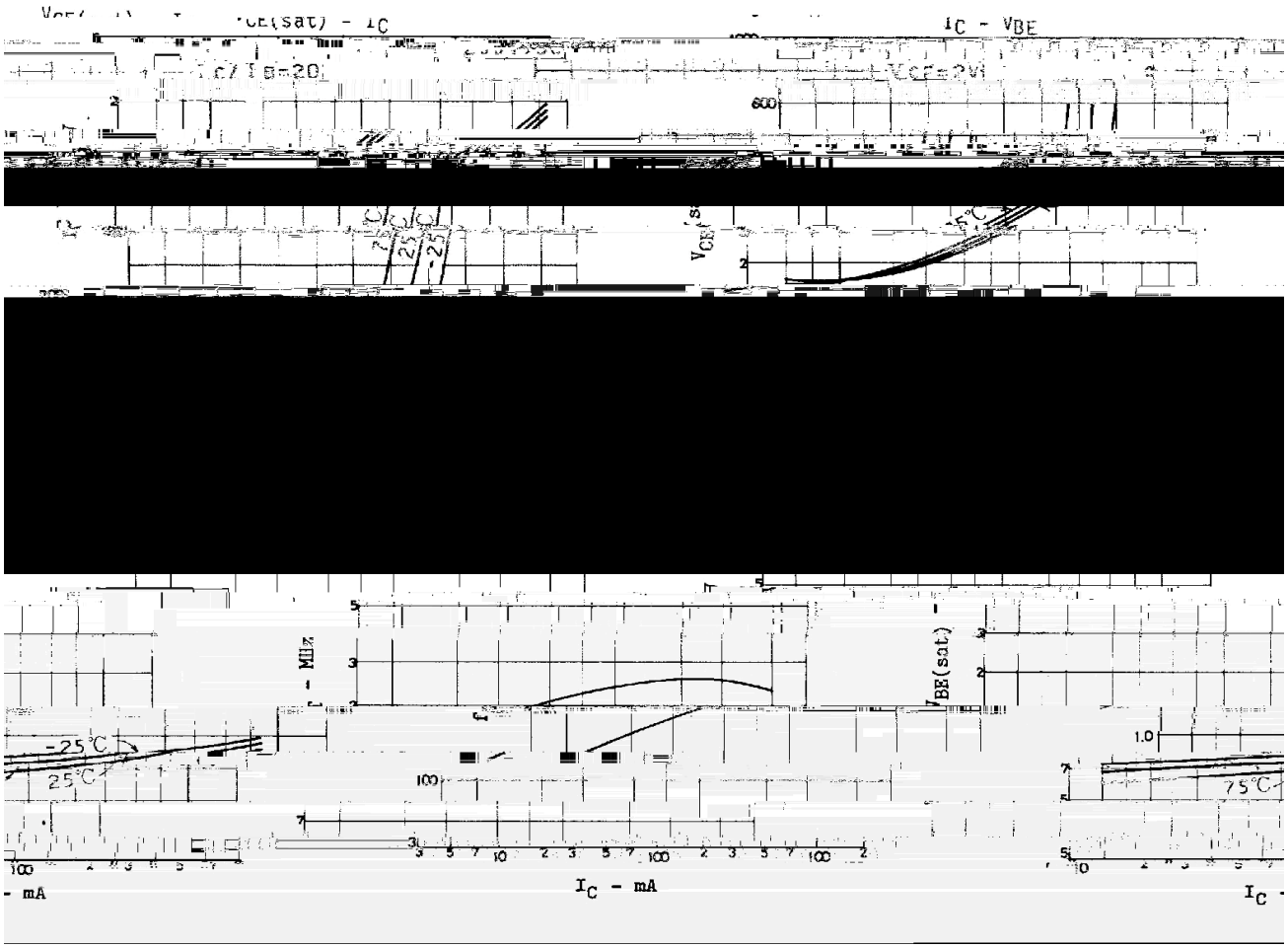

PIN1 χ Base PIN 2 χ Emitter PIN 3 χ Collector

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

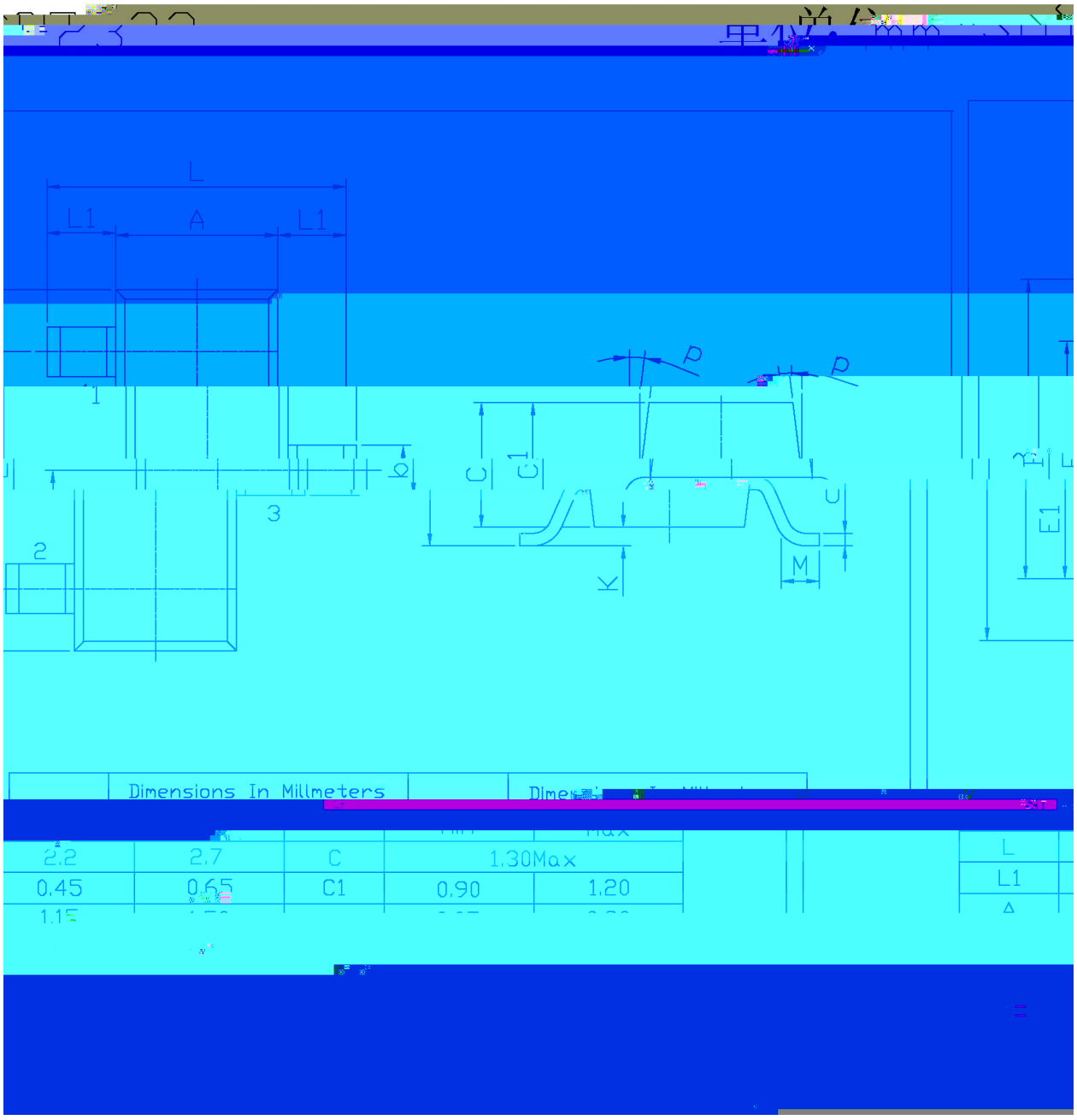
| v ̈Ω<br>Parameter | ϒ N<br>Symbol | ̈Ω Ö<br>Rating | D Ч<br>Unit |
|---|---|---|---|
| Collector to Base Voltage | $V_{CBO}$ | 15 | V |
| Collector to Emitter Voltage | $V_{CEO}$ | 15 | V |
| Emitter to Base Voltage | $V_{EBO}$ | 5.0 | V |
| Collector Current | $I_C$ | 0.8 | A |
| Collector Current(Pulse) | $I_{CP}$ | 3.0 | A |
| Collector Power Dissipation | $P_C$ | 250 | mW |

## / Electrical Characteristic Curve

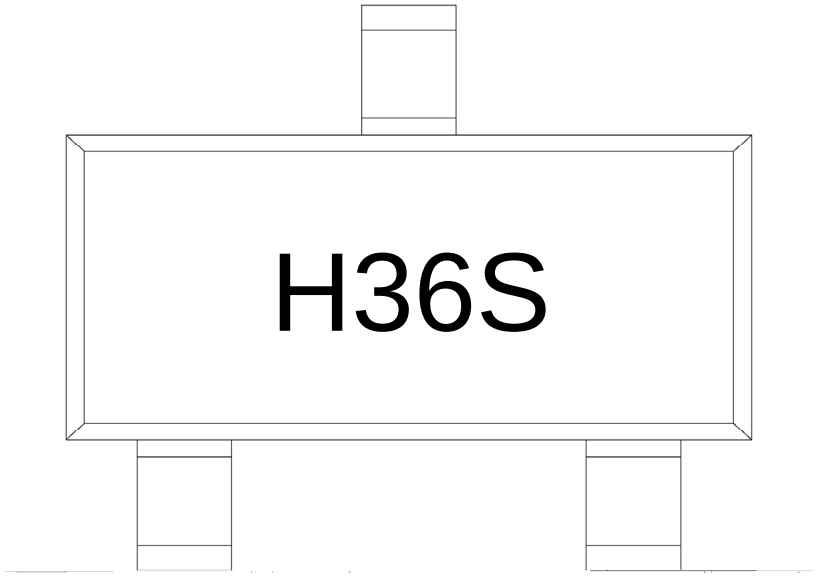


## / Package Dimensions



## / Marking Instructions




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V= ₩ k IH ⁶ ₭ Γђ

Note:

H: Company Code

36: Product Type Code

S: $h_{FE}$ Classifications Symbol Code

**2SD1936M**
Rev.F Apr.-2017