

/ Descriptions

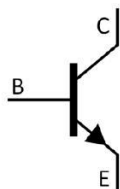
VRW0656 QSQ Silicon NPN transistor in a SOT-323 Plastic Package.

; 883 Z

Complementary pair with 8550W.

Power amplifier applications.

/ Equivalent Circuit



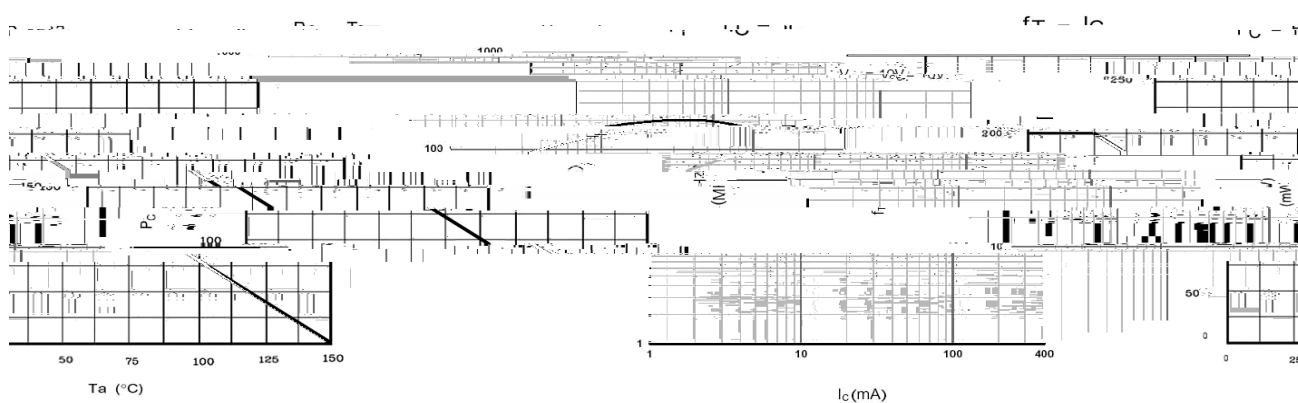
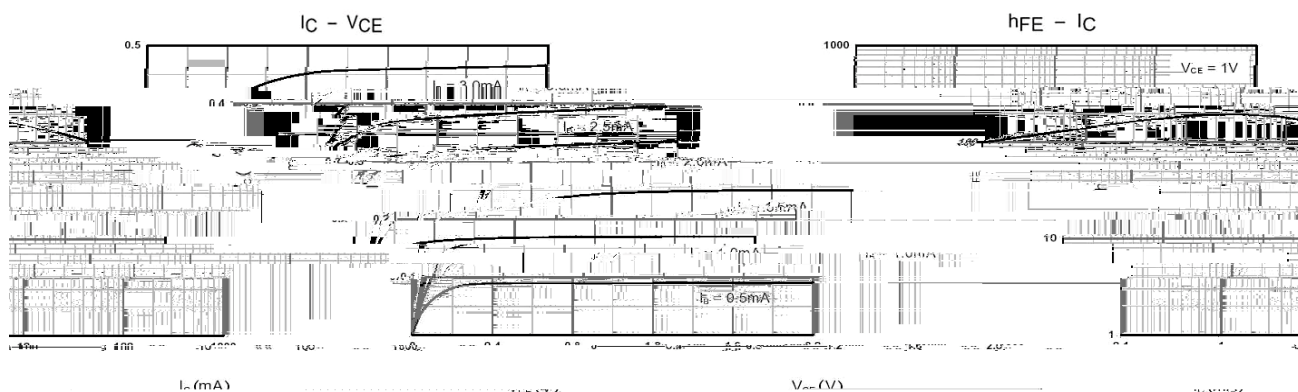
PIN1 Emitter PIN 2 Base PIN 3 Collector

/ Marking

h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	85 160	120 200	160 300
Marking	HY1B	HY1C	HY1D

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	40	V
Collector to Emitter Voltage	V_{CEO}	25	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	1.5	A
Base Current	I_B		

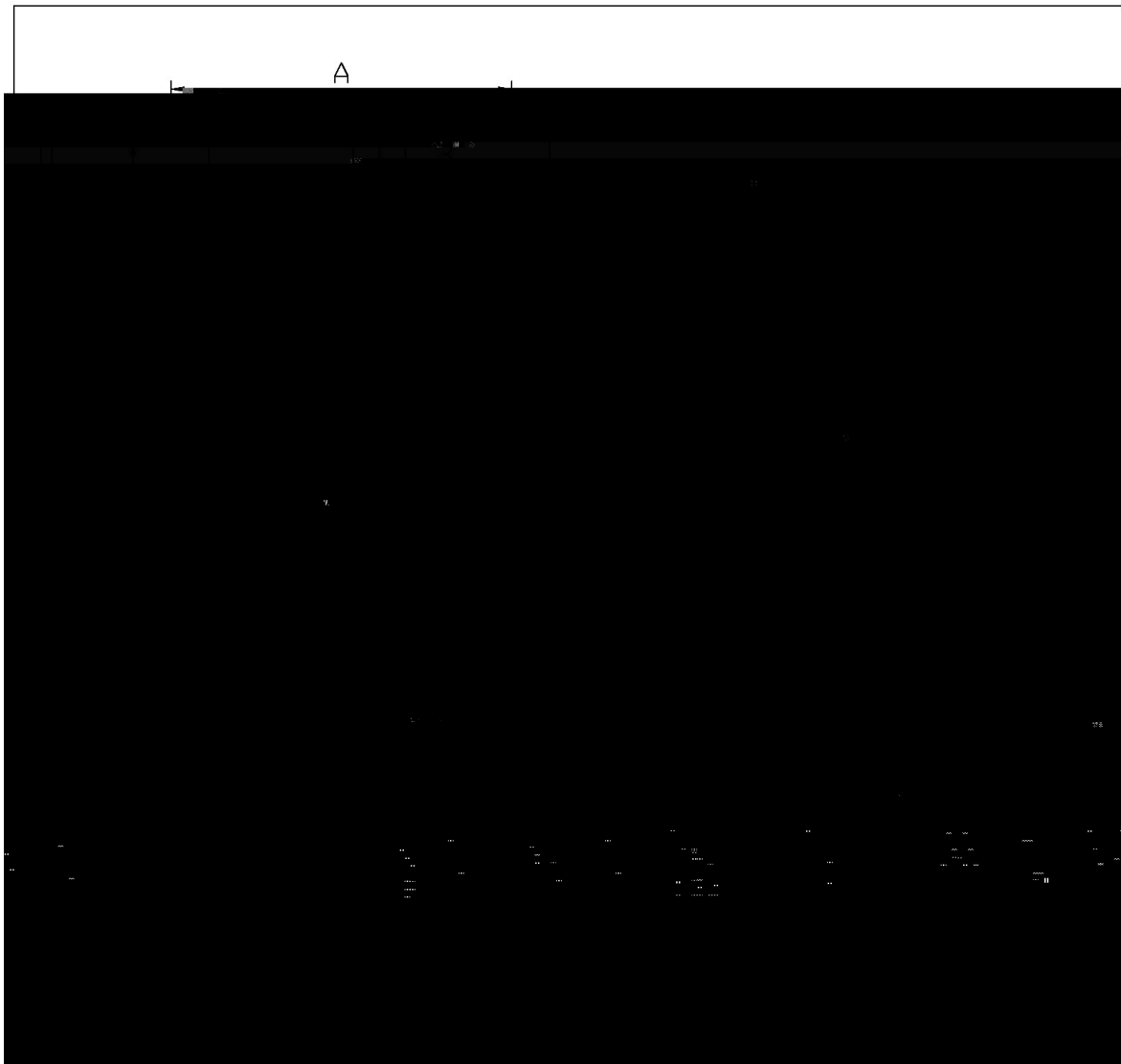
/ Electrical Characteristic Curve



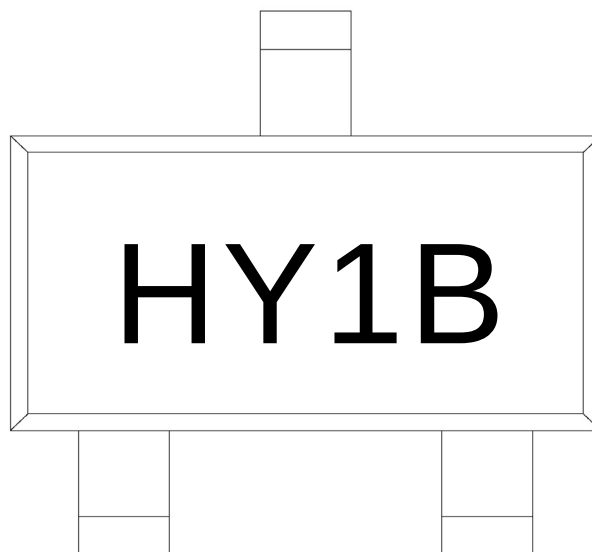
/ Package Dimensions

SOT-323

单位; mm



/ Marking Instructions



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E k_{IH}

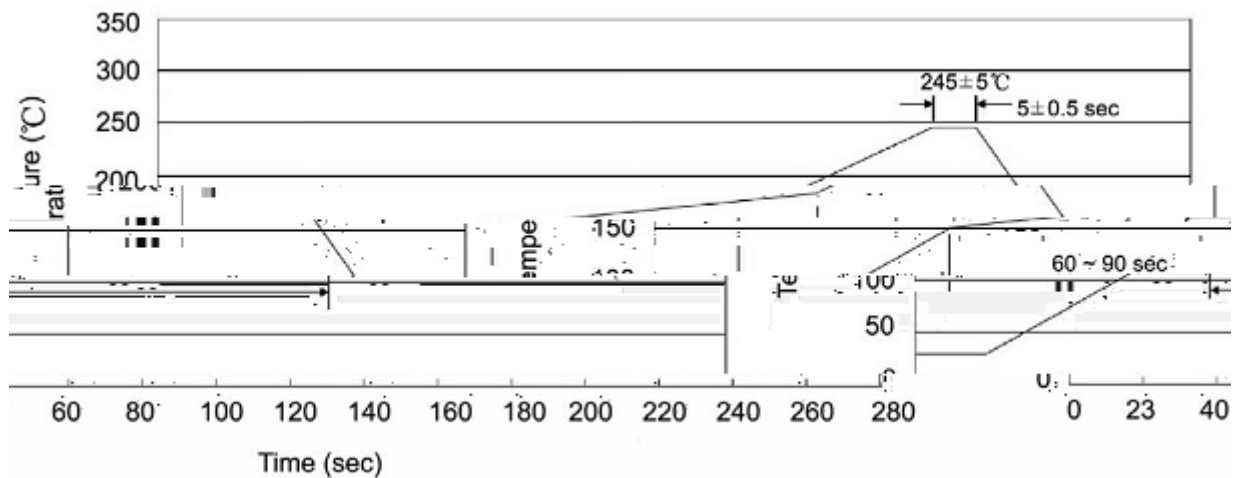
Note:

H: Company Code.

Y1: Product Type.

B h_{FE} Classifications Symbol

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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 封装形式	Units 包装数量	Dimension 包装尺寸 (unit: mm ³)
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