8050W

Rev.E Mar.-2016

DATA SHEET

ˇYث / Descriptions

VRW0656 ṂṂꞒ QSQ ᴁṀҷ s Ⅱ ⁊ Silicon NPN transistor in a SOT-323 Plastic Package.

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Complementary pair with 8550W.

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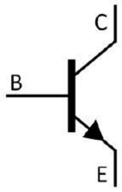
Power amplifier applications.

Лق ᾱ ؏ ع / Equivalent Circuit



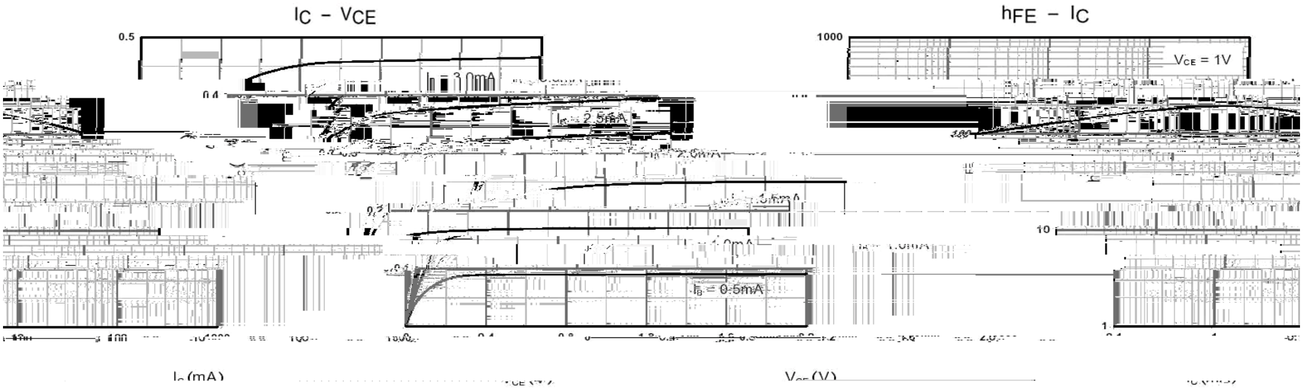
PIN1 χ Emitter PIN 2 χ Base PIN 3 χ Collector

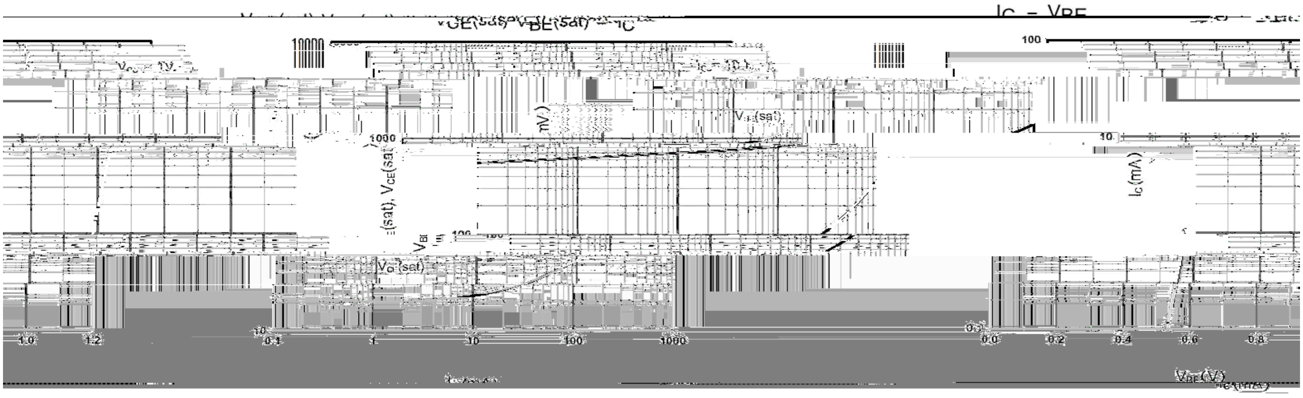
ŧ ʜ ݒ / Marking

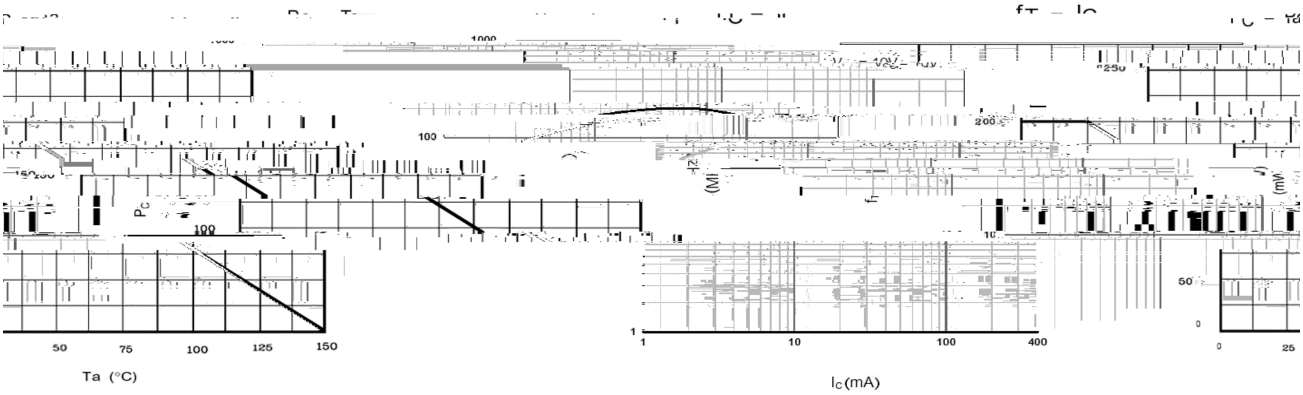
h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	85 160	120 200	160 300
Marking	HY1B	HY1C	HY1D

v ῞Ω̦ Parameter	ɬ ᴺ Symbol	῞Ω̦Ӫ Rating	ᴅ ꞔ 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

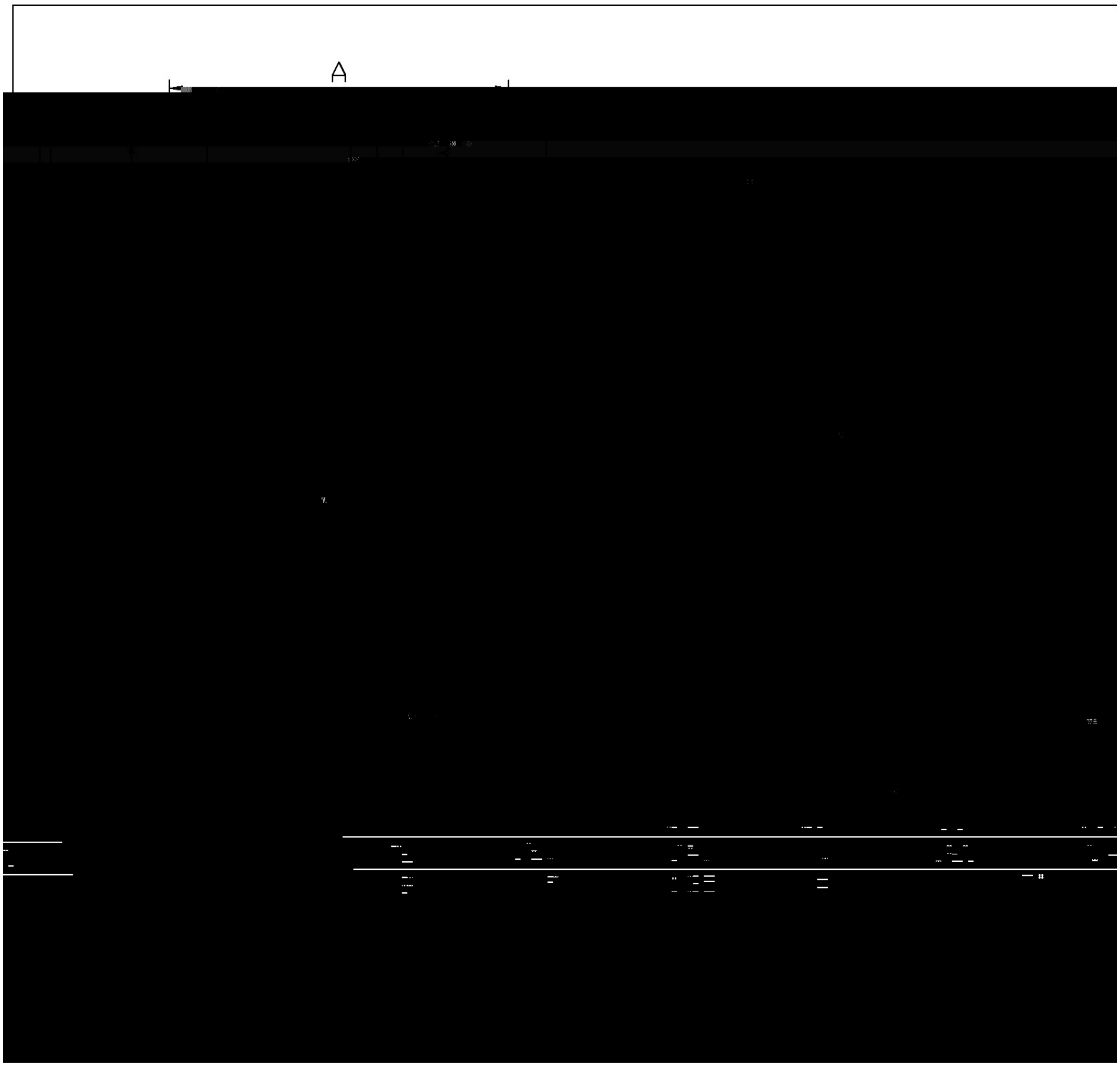




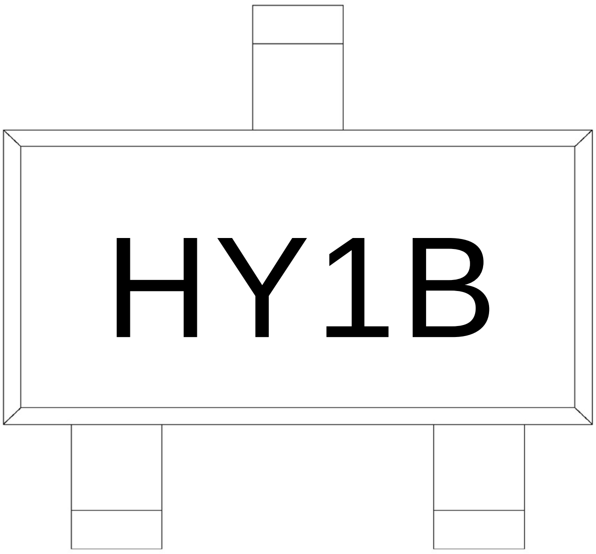


ᵘ ẺỒ Ḻ ʆ / Package Dimensions

SOT-323 单位：mm



ŧ˛ ʟ῝Ω / Marking Instructions



ب ˝ χ

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E χ	Ѭ k$_{IH}$ˋ ⁶ Ꮒ

Note:

H:	Company Code.
Y1:	Product Type.
B χ	h_{FE} Classifications Symbol

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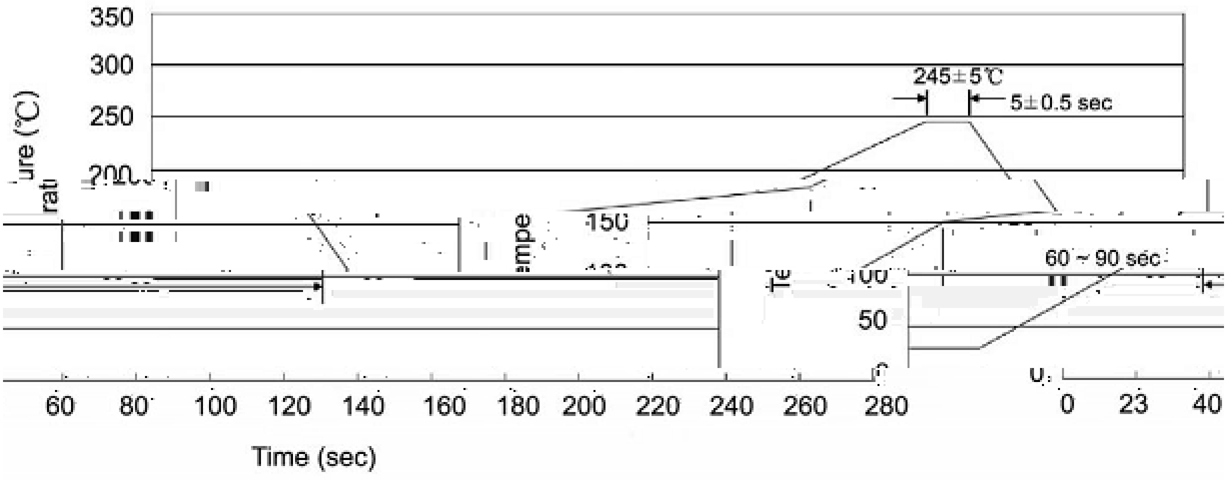

ب ˝ χ
1 ḯ ♬ □ ŷ 25 Ḱ 150 ɫ ı ΅H ڗ 60 Ḱ 90sec;
2 Ŝ Ӫ □ ŷ 245 ° 5 ɫ ı ΅H ڗ ΅Y ɵ ㏍ 5 ° 0.5sec;
3 ì ΄ Ɣ ˛ ɔ ঌ ŷ ㏍ 2 Ḱ 10 ɫ /sec.

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

ɹ ΰ q ͞ ΅Y Ţ / Resistance to Soldering Heat Test Conditions

□ ŷ χ 260 ° 5 ɫ ΅H ڗ χ 10 ° 1 sec.

Temp.:260±5 Time:10±1 sec

ɓ Ŀ ≺— / Packaging SPEC.

ɷ΄ ɣ Ŀ / REEL

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