/ Descriptions

VRW0656 ṂṂ Ł QSQ ÆṀ ч s ǁ ˥ Silicon NPN transistor in a SOT-323 Plastic Package.

/ Features

љ NWD5348 Й ´

Complementary to KTA2015

/ Applications

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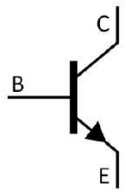
General purpose application, switching application.

/ Equivalent Circuit



/ Pinning



PIN1 χ Emitter PIN 2 χ Base PIN 3 χ Collector

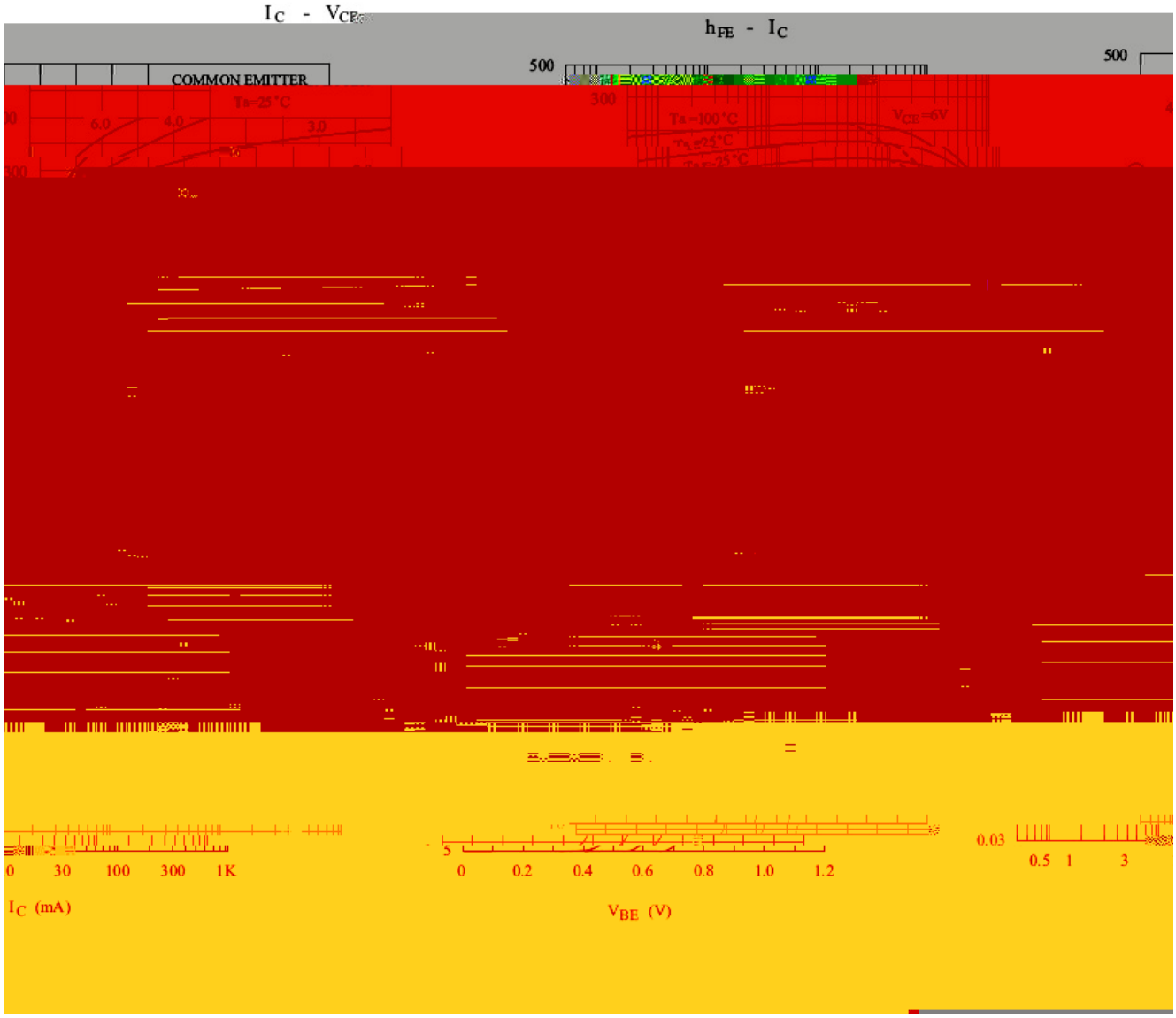
/ Marking

h_{FE} Classifications Symbol	O	Y
h_{FE} Range	70 140	120 240
Marking	HWO	HWY

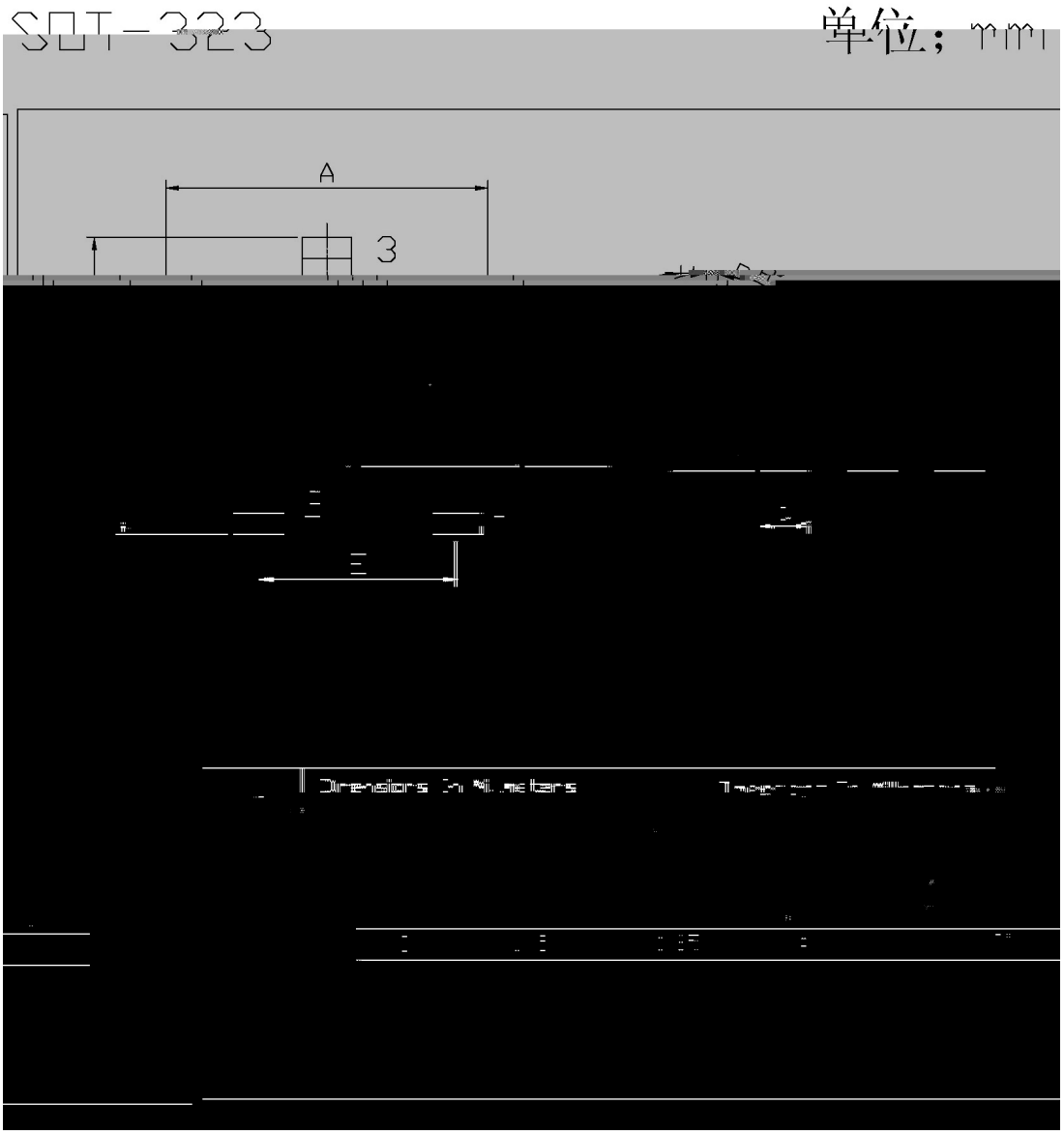
KTC4076

Rev.E Mar.-2016

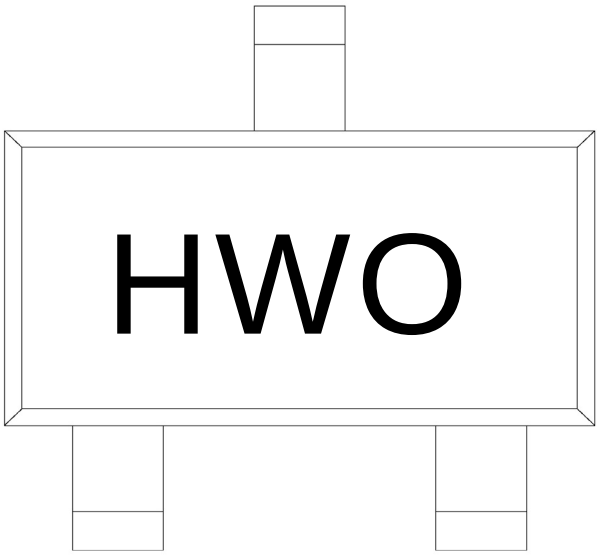
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



ب ˝ χ

K χ ⌘ ʒ ᴵ Ɒ

Z χ ⌘ ʒ ᴺ Ɒ

R χ ⌘ k ᴵᴴ ʻ ᶠ Ɒ

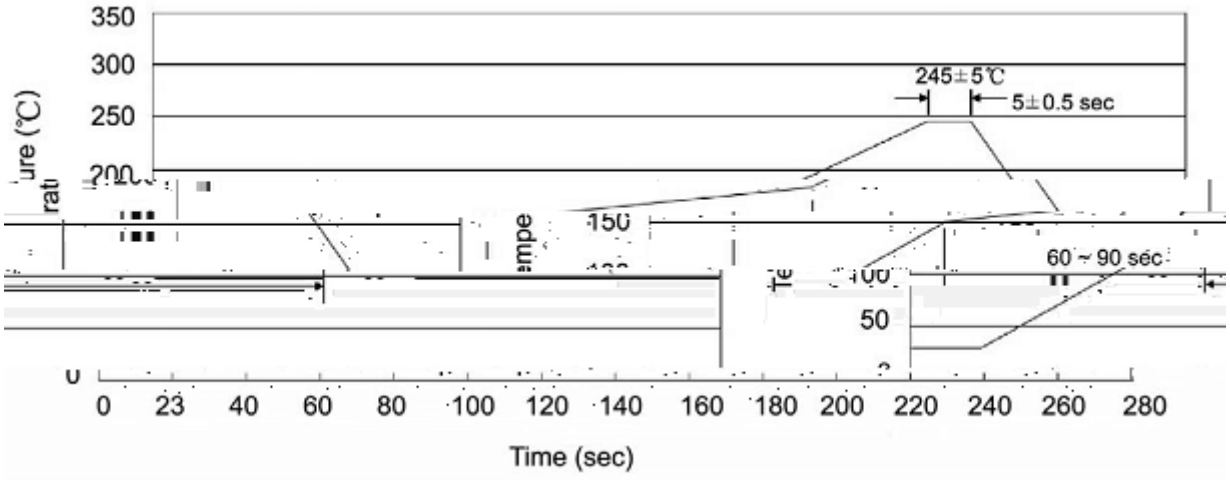
Note:

H: Company Code.

W: Product Type.

O: h_{FE} Classifications Symbol

( ) /



ب ˝ χ

1 ⺁ ♬ □ ỷ 25 Ḱ 150 ɬ ı `H ⺆ 60 Ḱ 90sec;

2 Š Ö □ ỷ 245 ° 5 ɬ ı `H ⺆ ˋY ⺈ ⺮ 5 ° 0.5sec;

3 ì ˙ ⺈ ˛ ɔ ⺌ ỷ ⺮ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:245 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 260 ° 5 ɬ `H ⺆ χ 10 ° 1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

ɔ` γ ⺊ / REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOT-323	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices