

/ Descriptions

VRW056 ММ Ё SQS æ Ė ħ s ll 1 Silicon PNP transistor in a SOT-23 Plastic Package.

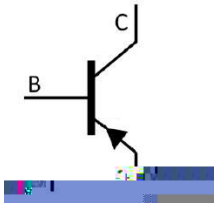
/ Features

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Low $V_{CE(sat)}$, high current.

/ Applications

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General purpose switching and muting, LCD back-lighting, supply line switching circuits.

/ Equivalent Circuit



/ Pinning



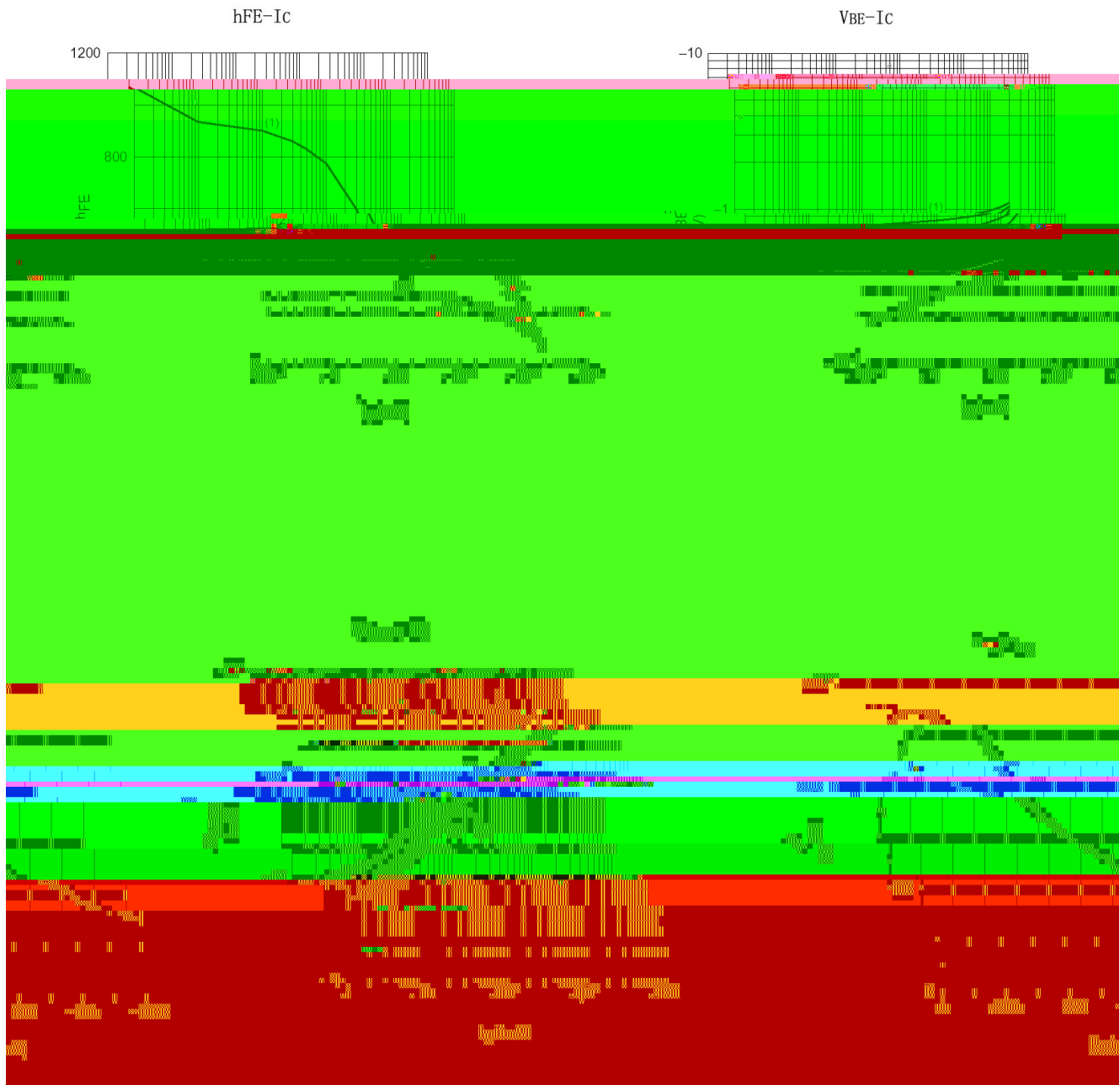
PIN 1 ꝑ Base PIN 2 ꝑ Emitter PIN 3 ꝑ Collector

/ h_{FE} Classifications & Marking

h_{FE} Range	300 800
Marking	HP2H

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-40	V
Collector to Emitter Voltage	V_{CEO}	-40	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current	I_C	-1.0	A
peak collector current	I_{CM}	-2.0	A
peak base current	I_B		

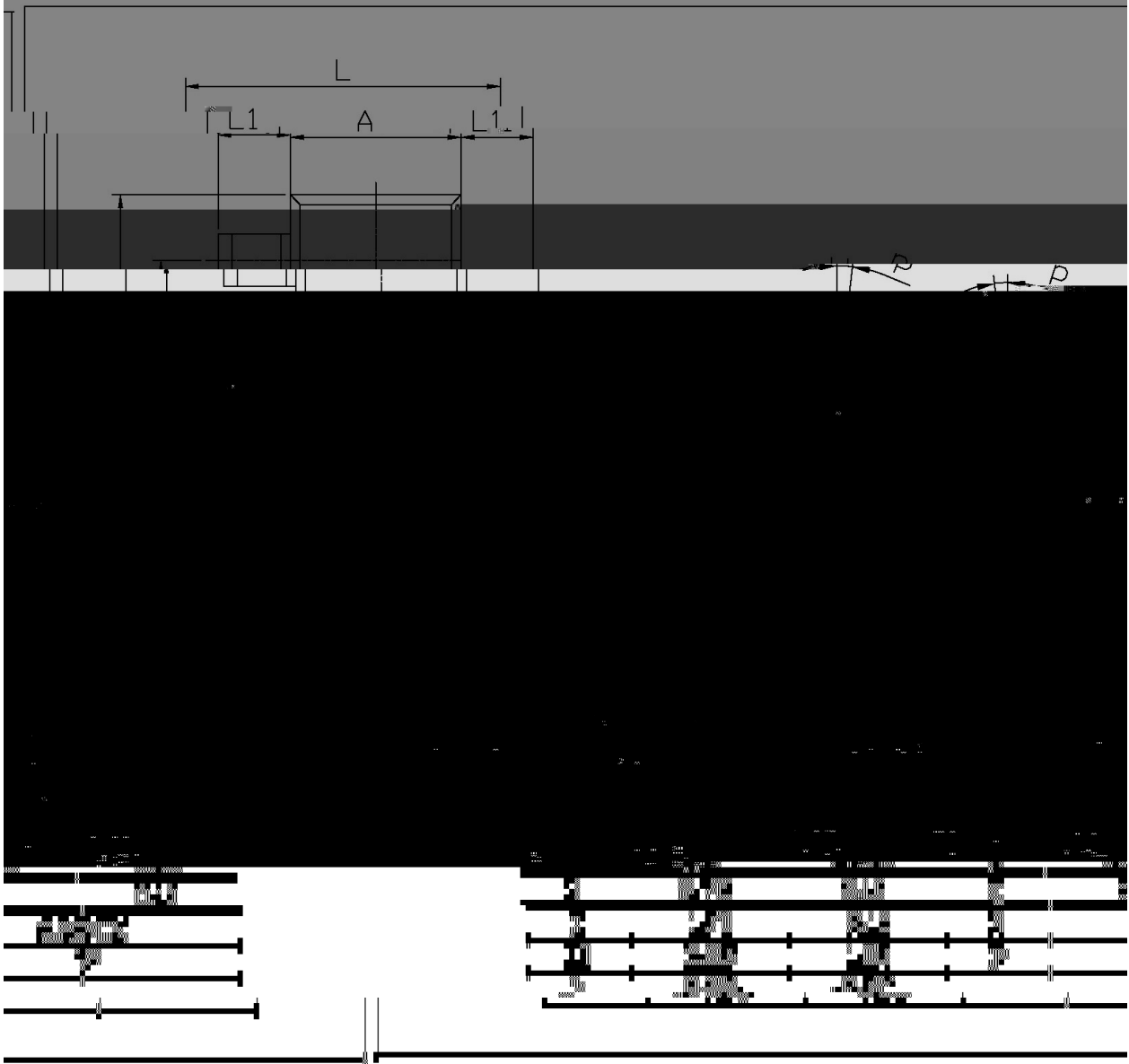
/ Electrical Characteristic Curve



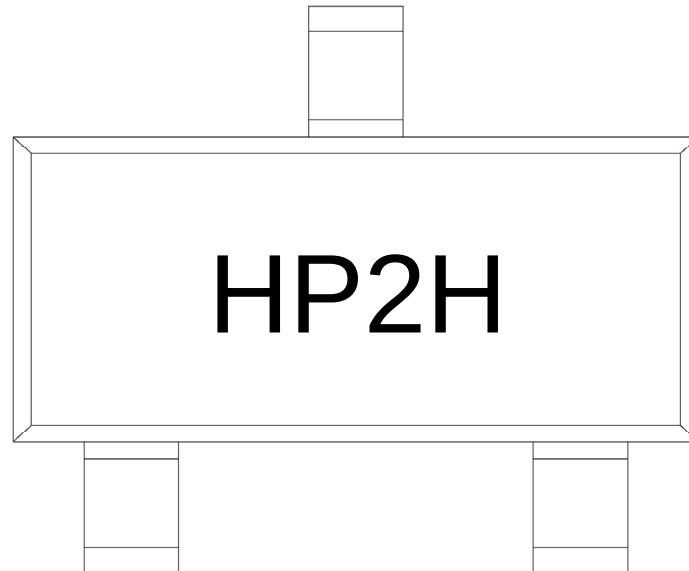
/ Package Dimensions

SOT-23

单位: mm



/ Marking Instructions



б " X

K X № з " П

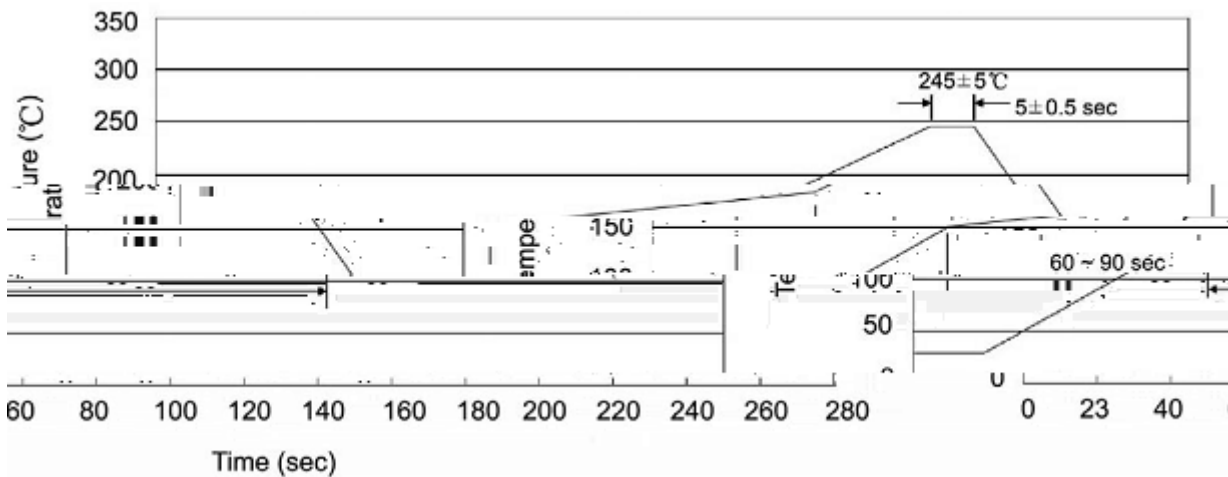
P2H X № з " П

Note:

K X Company Code

P2H X Product Type

() /



C " X

1. 预加热: 25~150 °C, Time: 60~90sec;
2. 峰值温度: 245±5 °C, 持续时间: 5±0.5sec;
3. 冷却速度: 2~10 °C/sec.

Note:

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

/ Resistance to Soldering Heat Test Conditions

□ 预加热: 260±5 °C, Time: 10±1 sec. Temp.: 260±5 Time: 10±1 sec

/ Packaging SPEC.

□ 预加热: REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 × 8	180×120×180	390×385×205