

/ Descriptions

VRW056 M M E QSQ AE M y s ll 1 Silicon NPN transistor in a SOT

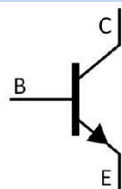
/ Features

High voltage, high current, high h linearity.

/ Applications

Audio frequency general purpose amplifier applications.

/ Equivalent Circuit



/ Pinning



/ hFE Classifications & Marking

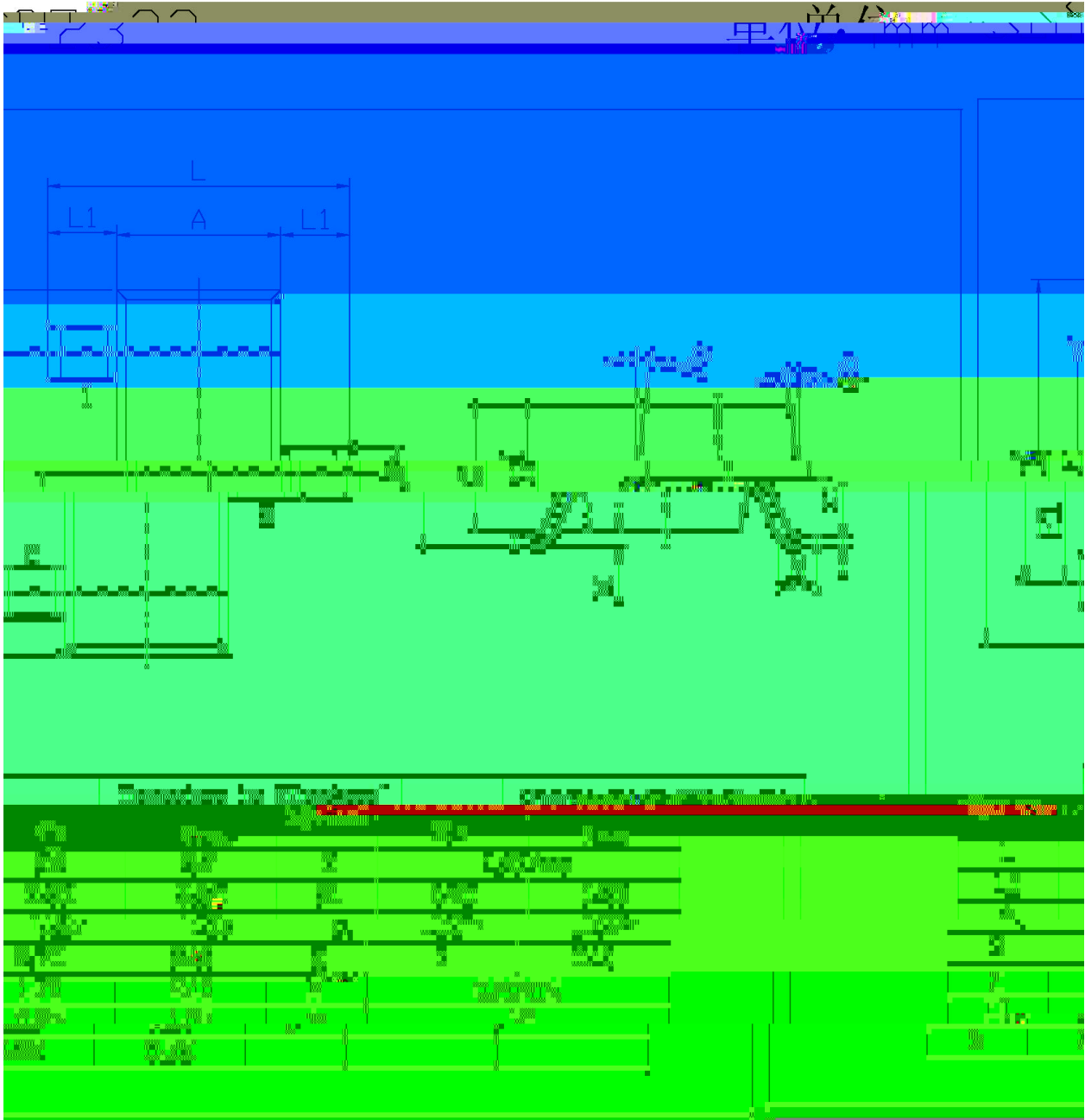
hFE Classifications		O					
Symbol							
hFE Range	70	140	120	240	200	400	350 700
Marking	H101	G11					

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	60	V

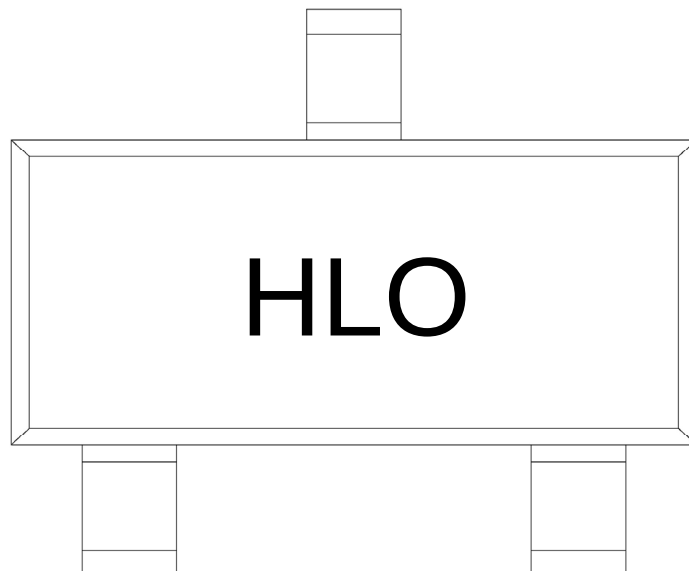
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



б " X

K X № 3¹ П

0 X № 3^N П

R X № h_{FE}⁶ К П

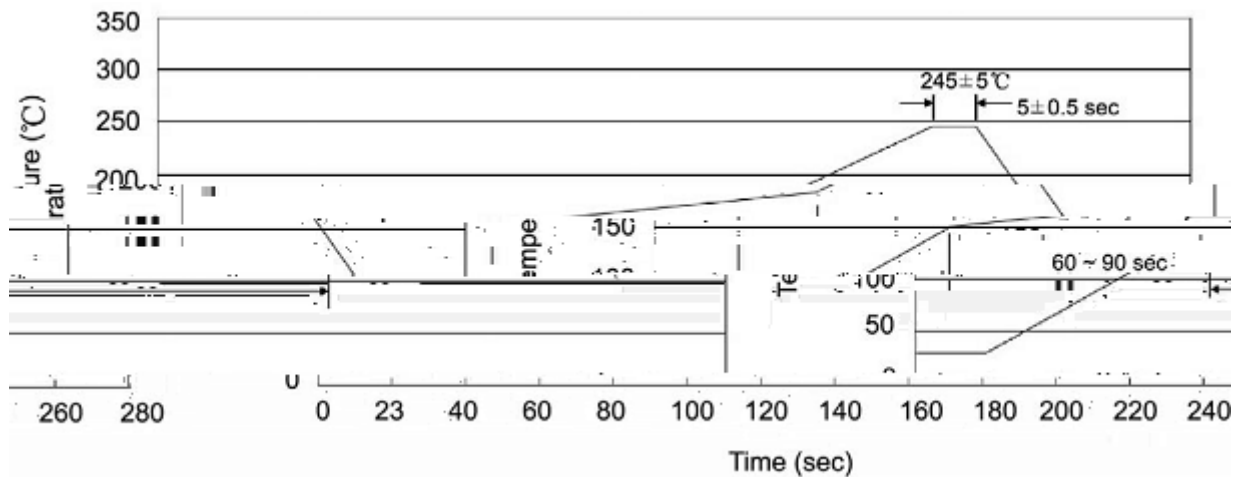
Note:

K X Company Code

0 X Product Type Code

R X h_{FE} Classifications Symbol

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



1. 预加热: 25~150 °C, Time: 60~90sec;
2. 峰值温度: 245±5 °C, Duration: 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 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只	卷盘	卷盘	盒	只	盒	箱	箱
						ρ		

/ Notices