

修订记录 / Revised record

G	2020-7-28	1			

描述 / Descriptions

SOT-23

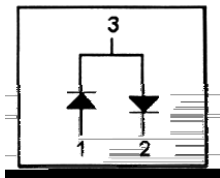
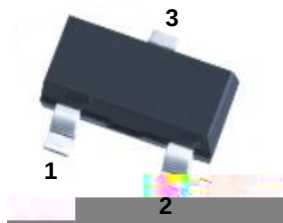
Silicon Diode in a SOT-23 Plastic Package.

特征 / Features

Small signal diode.HF Product.

用途 / Applications

High Conductance Ultra Fast Diode.

内部等效电路 / Equivalent Circuit**引脚排列 / Pinning**

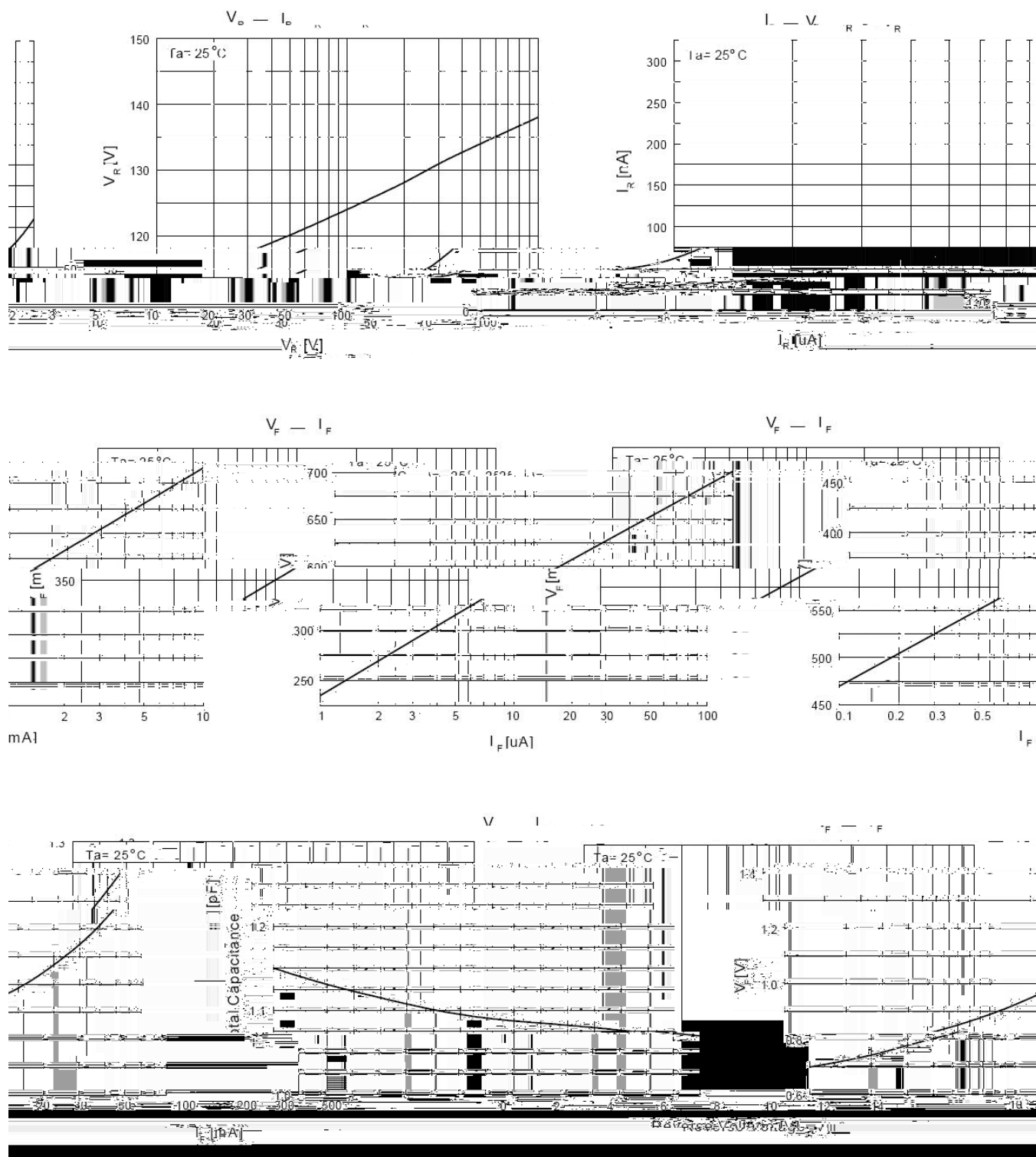
PIN: See Equivalent Circuit.

放大及印章代码 / h_{FE} Classifications & Marking

Marking	HA7
---------	-----

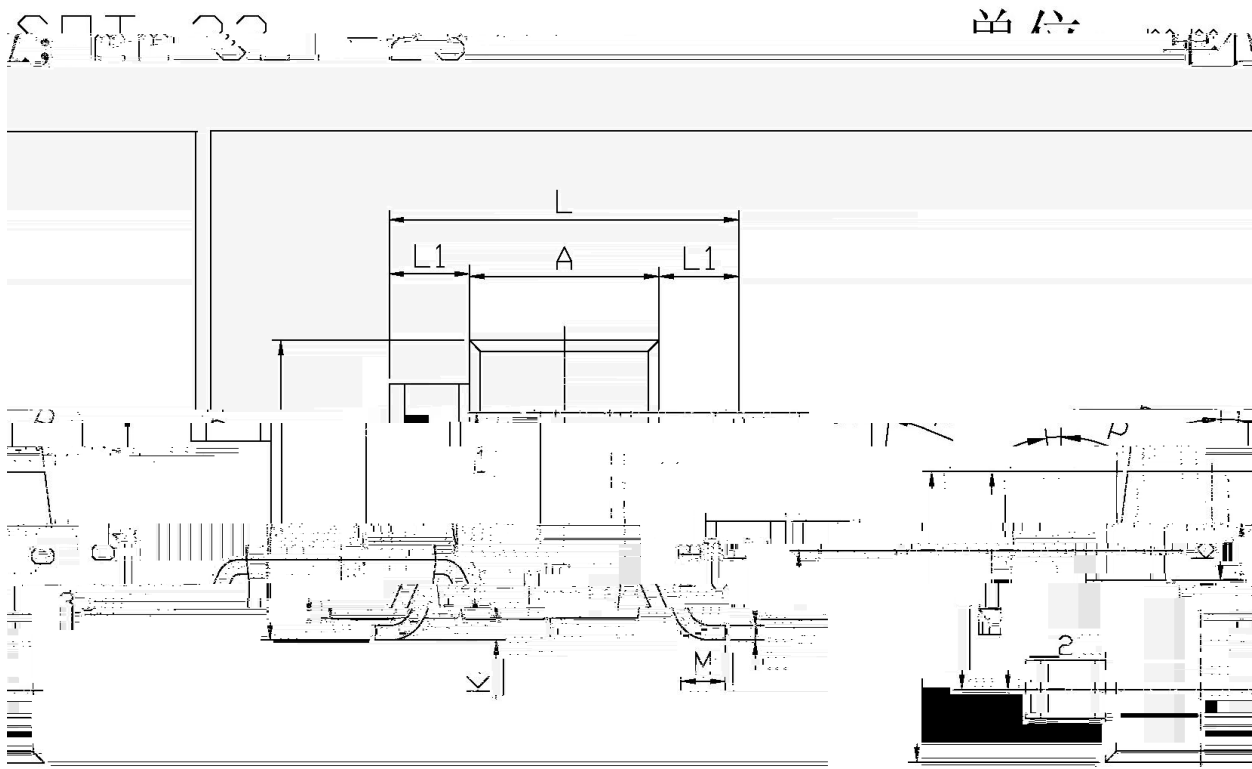
BAV99

电参数曲线图 / Electrical Characteristic Curve



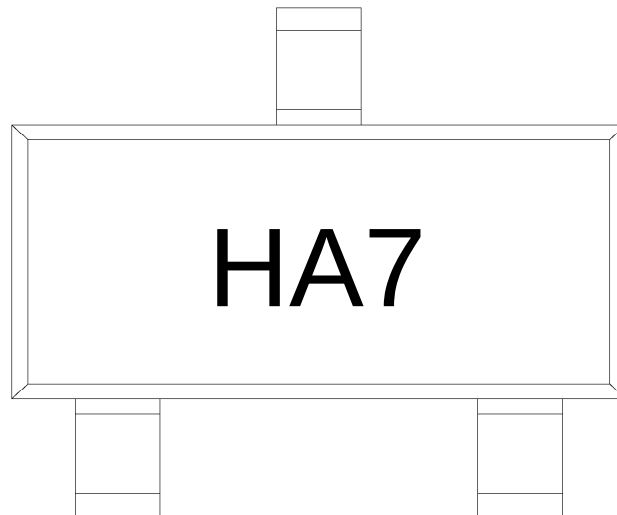
电参数曲线图 / Electrical Characteristic Curve

外形尺寸图 / Package Dimensions



Symbol			Dimensions In Millimeters			Symbol			Dimensions In Millimeters		
			Min	Max					Min	Max	
L			2.2	2.7		C			1.30	Max	
A			1.15	1.50		B			2.70	3.10	
M			0.35	0.55		D			0.35	0.55	

印章说明 / Marking Instructions



H

A7

Note:

H: Company Code.

A7: Product Type Code.

回流焊温度曲线图(无铅) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | |
|---|-----------|-------------|---|
| 1 | 150 ~ 180 | 60 ~ 90sec; | 1.Preheating:150~180 , 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. |

耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5℃ Time:10±1 sec

包装规格 / Packaging SPEC.

/ 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	盒 箱	只 箱		盒	箱
						"		

使用说明 / Notices