

修订记录 / Revised record

描述 / Descriptions

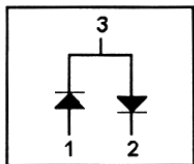
Silicon Diode in a SOT-23 Plastic Package.

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**

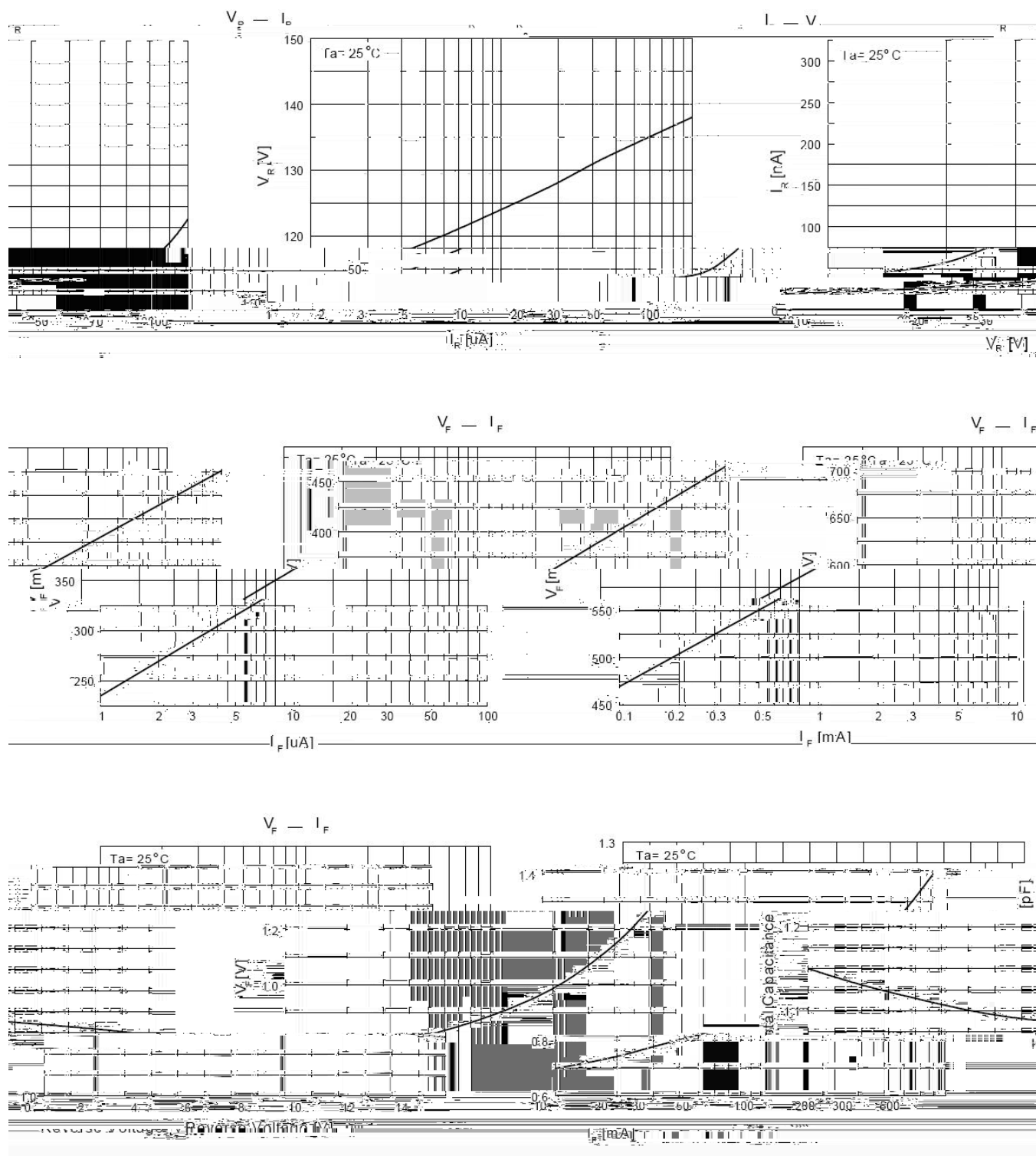
PIN: See Equivalent Circuit.

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

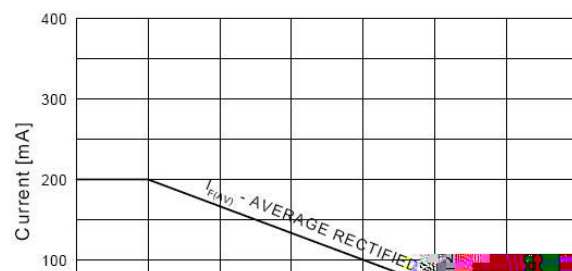
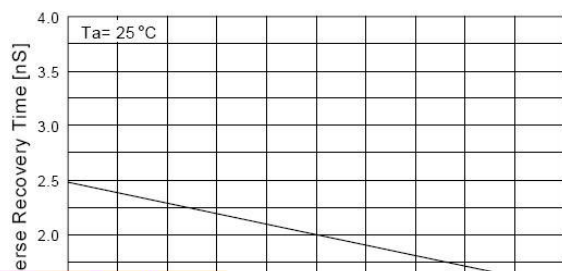
Marking	HA7
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BAV99

电参数曲线图 / Electrical Characteristic Curve

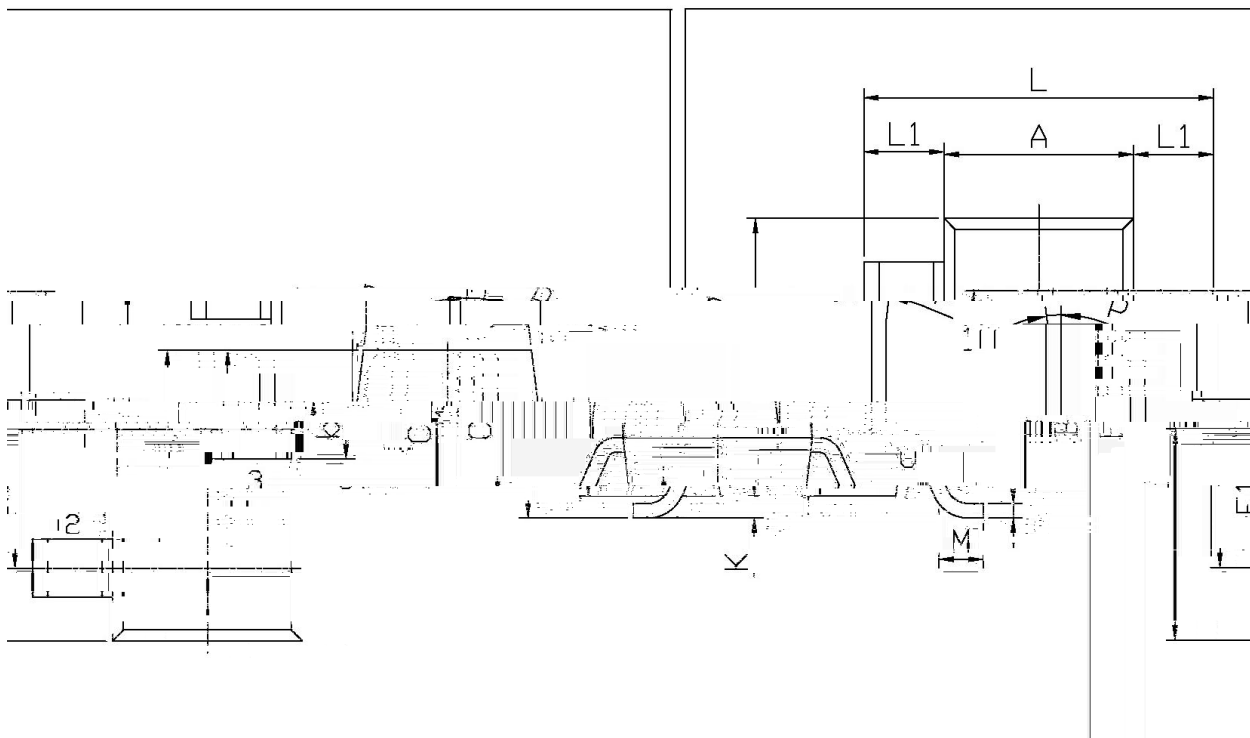


电参数曲线图 / Electrical Characteristic Curve



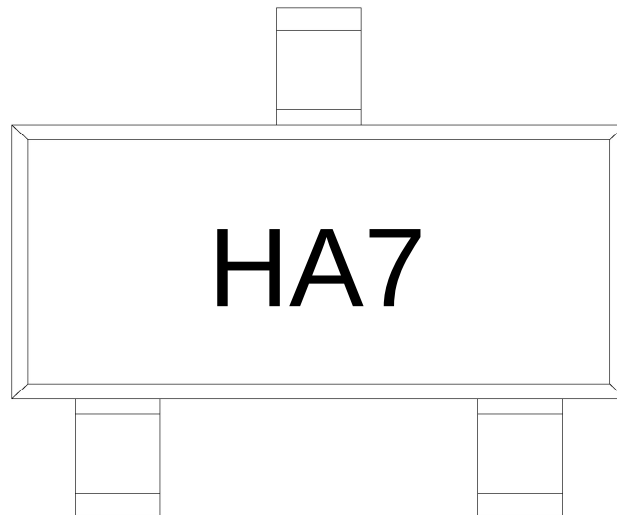
外形尺寸图 / Package Dimensions

单位: mm



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
L	2.2	2.7	C	1.30Max	
A	0.45	0.65	C1	0.90	1.20
B	1.05	1.50	C2	0.05	0.20
D	2.70	3.10	K	0.10	0.10
E	1.20	1.70			
F	0.55	0.75			
G	0.55	0.75			
H	0.55	0.75			
I	0.55	0.75			
J	0.55	0.75			
K	0.55	0.75			
L	0.55	0.75			
M	0.55	0.75			
N	0.55	0.75			
O	0.55	0.75			
P	0.55	0.75			
Q	0.55	0.75			
R	0.55	0.75			
S	0.55	0.75			
T	0.55	0.75			
U	0.55	0.75			
V	0.55	0.75			
W	0.55	0.75			
X	0.55	0.75			
Y	0.55	0.75			
Z	0.55	0.75			

印章说明 / Marking Instructions

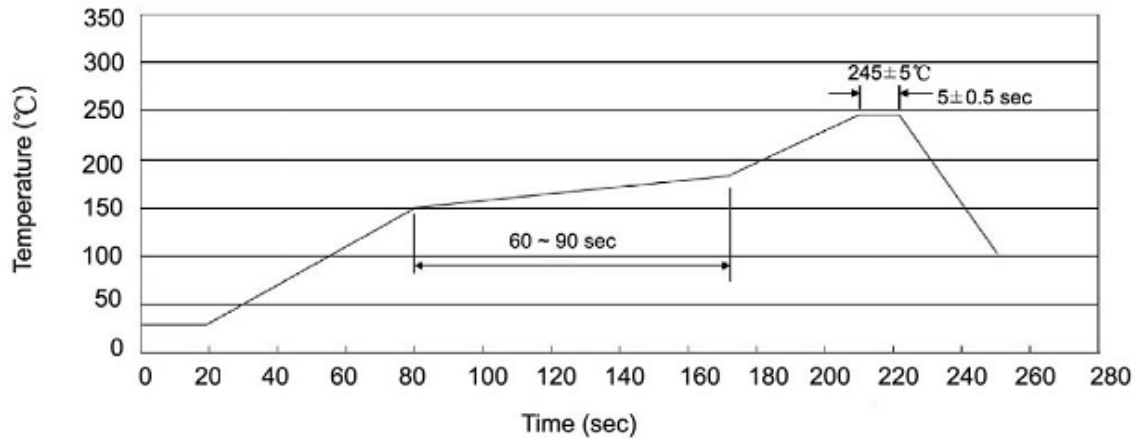


Note:

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)		
	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-23	3,000	10	30,000	6	180,000	7" ×8	180×120×180	390×385×205

使用说明 / Notices