

修订记录 / Revised record

E	2016-3				
F	2020-8-28	1			

SOT-23

Silicon Diode in a SOT-23 Plastic Package .

Small signal diode, HF Product.

High Conductance Ultra Fast Diode.



PIN: See Equivalent Circuit

BAV70

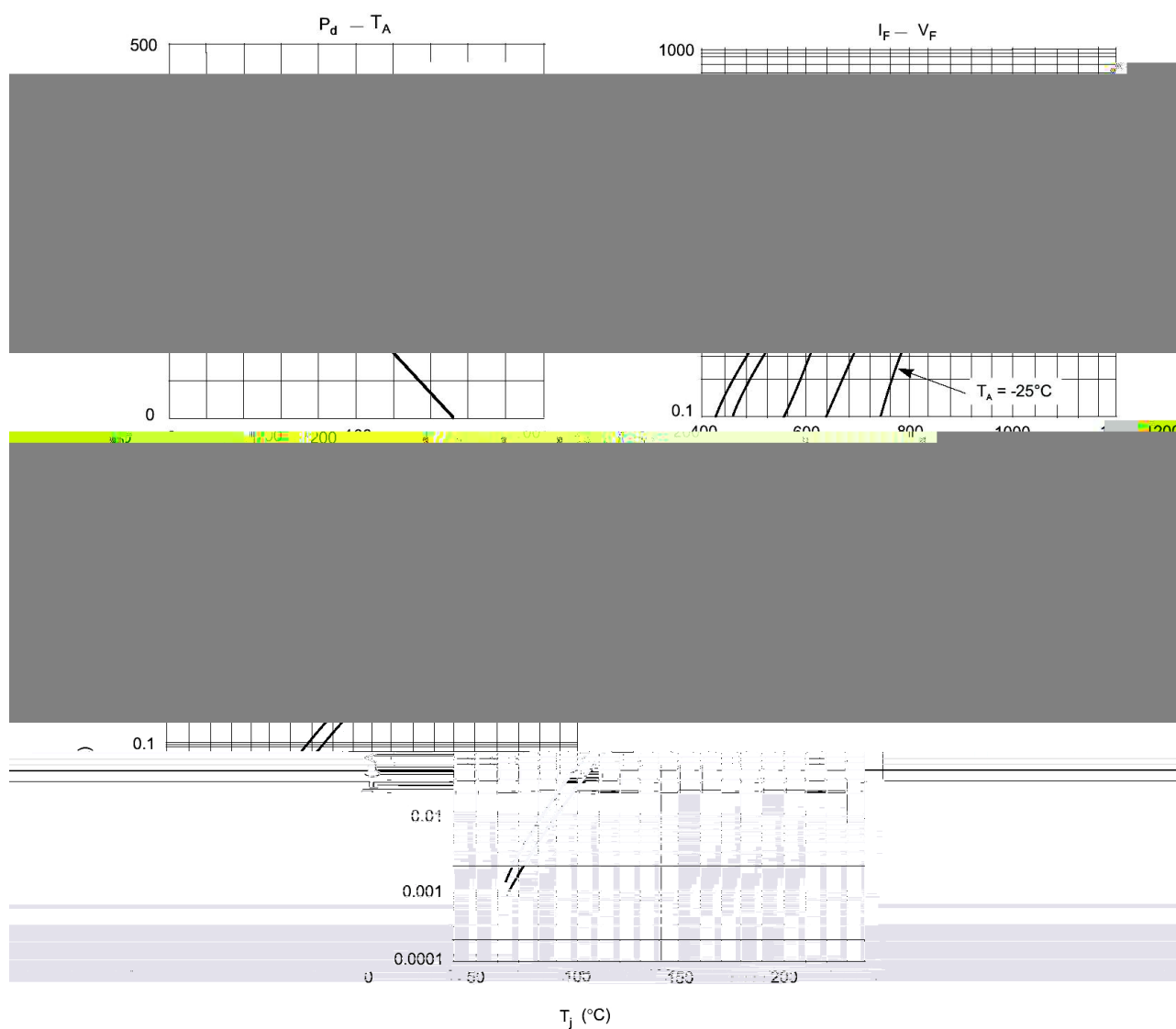
Rev.F Aug.-2020



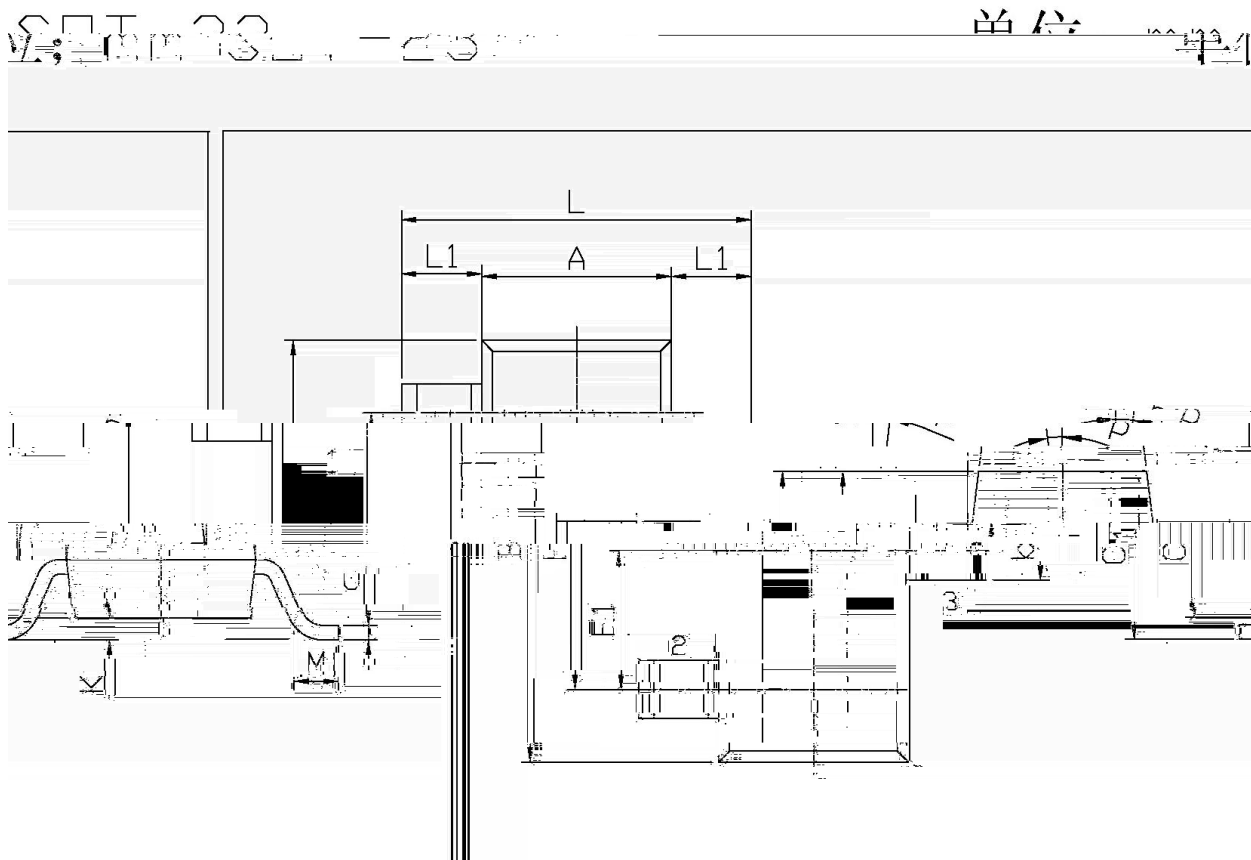
DATA SHEET

Maximum Repetitive Reverse Voltage	V_{RRM}	Rating 75	Unit V
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电参数曲线图 / Electrical Characteristic Curve



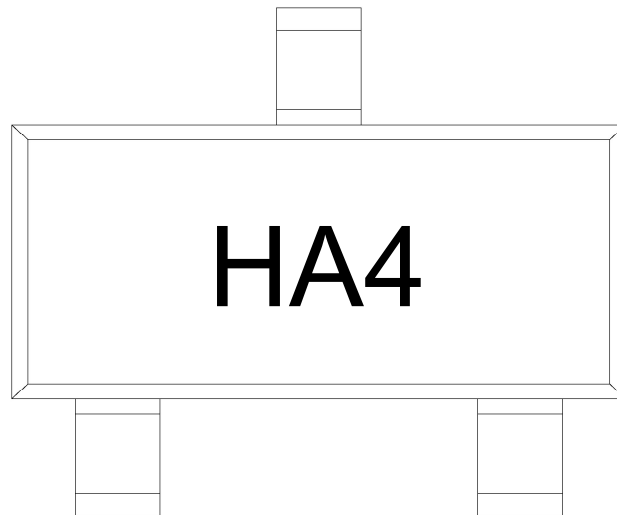
外形尺寸图 / Package Dimensions



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
L	2.2	2.7	C	1.30Max	
L1	0.45	0.65	C1	0.90	1.20
A	1.15	1.50	c	0.05	0.20
B	2.70	3.10	K	0	0.10

7°	0.20Min	0.20Max	0.20Min	0.20Max	0.20Min	0.20Max
0.85	0.85	0.85	0.85	0.85	0.85	0.85
0.35	0.35	0.35	0.35	0.35	0.35	0.35

印章说明 / Marking Instructions



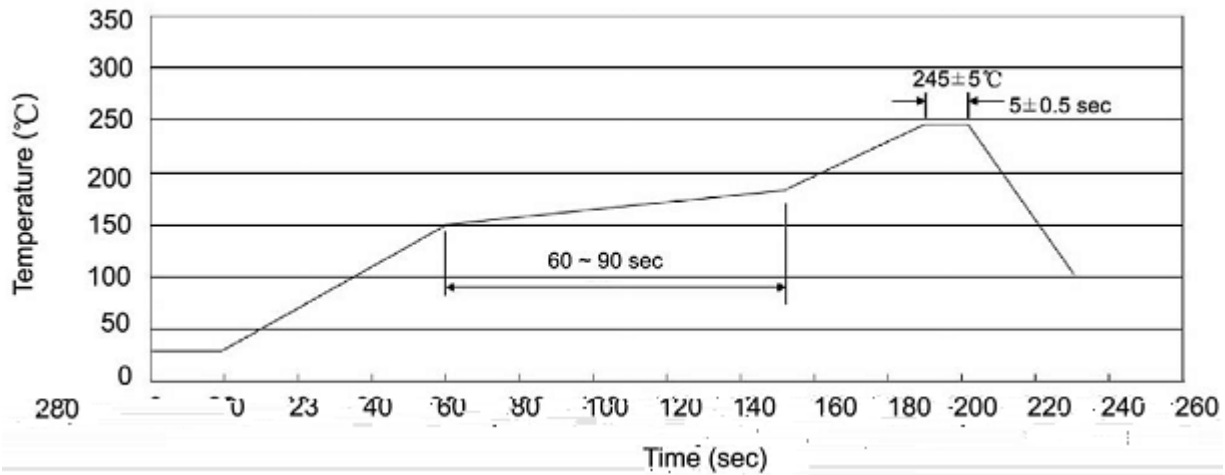
H

A4

Note:

H: Company Code.

A4: Product Type Code.

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


Note:

- | | | | | | |
|---|-----|-----|----|---------|---|
| 1 | 25 | 150 | 60 | 90sec; | 1.Preheating:25~150 , 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