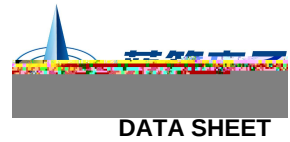


修订记录 / Revised record

E	2016-3				
F	2020-8-28	1			

BAV70

Rev.F Aug.-2020



SOT-23 (Silicon Diode in a SOT-23 Plastic Package .

Small signal diode, HF Product.

1

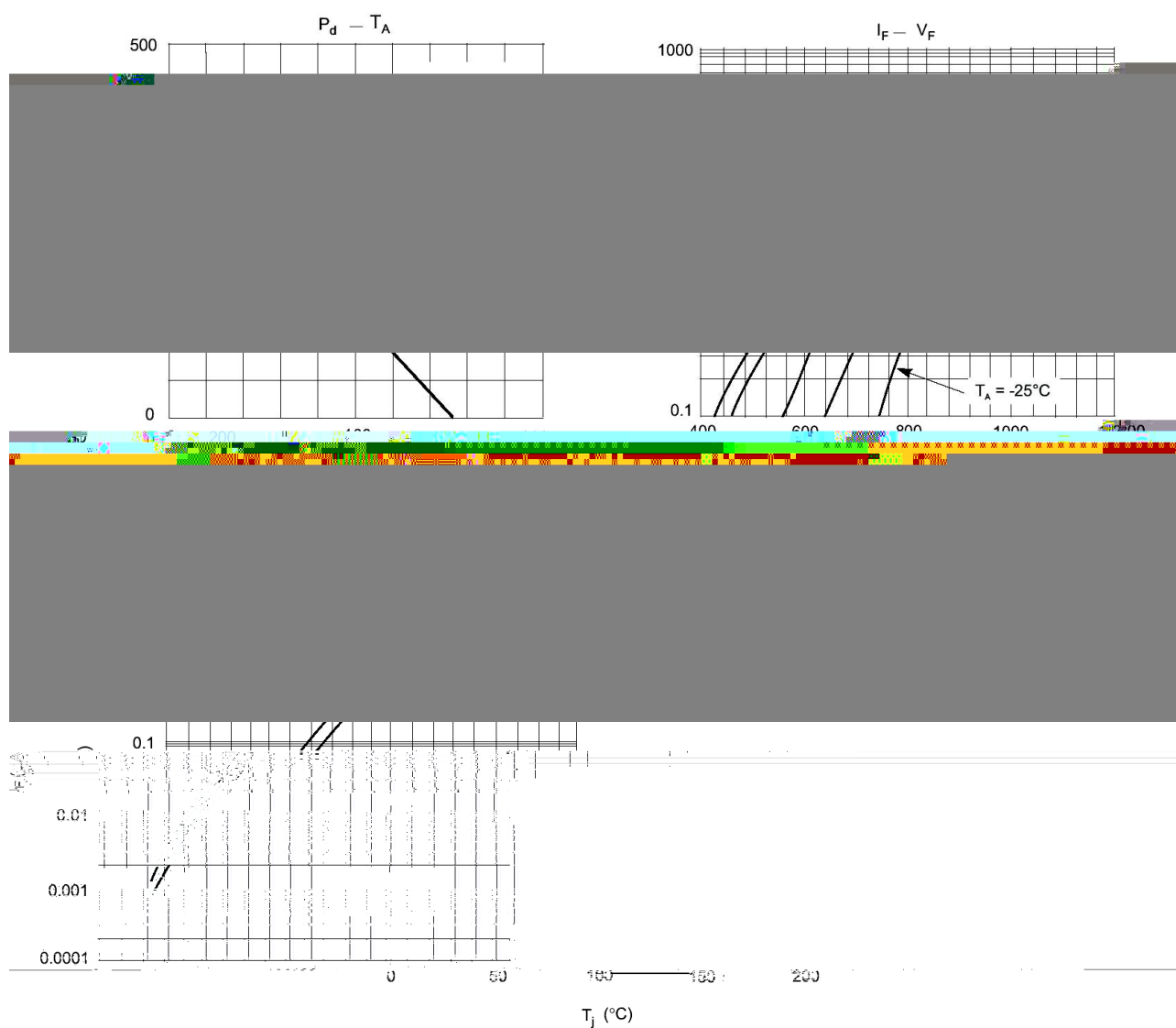
High Conductance Ultra Fast Diode.



PIN: See Equivalent Circuit

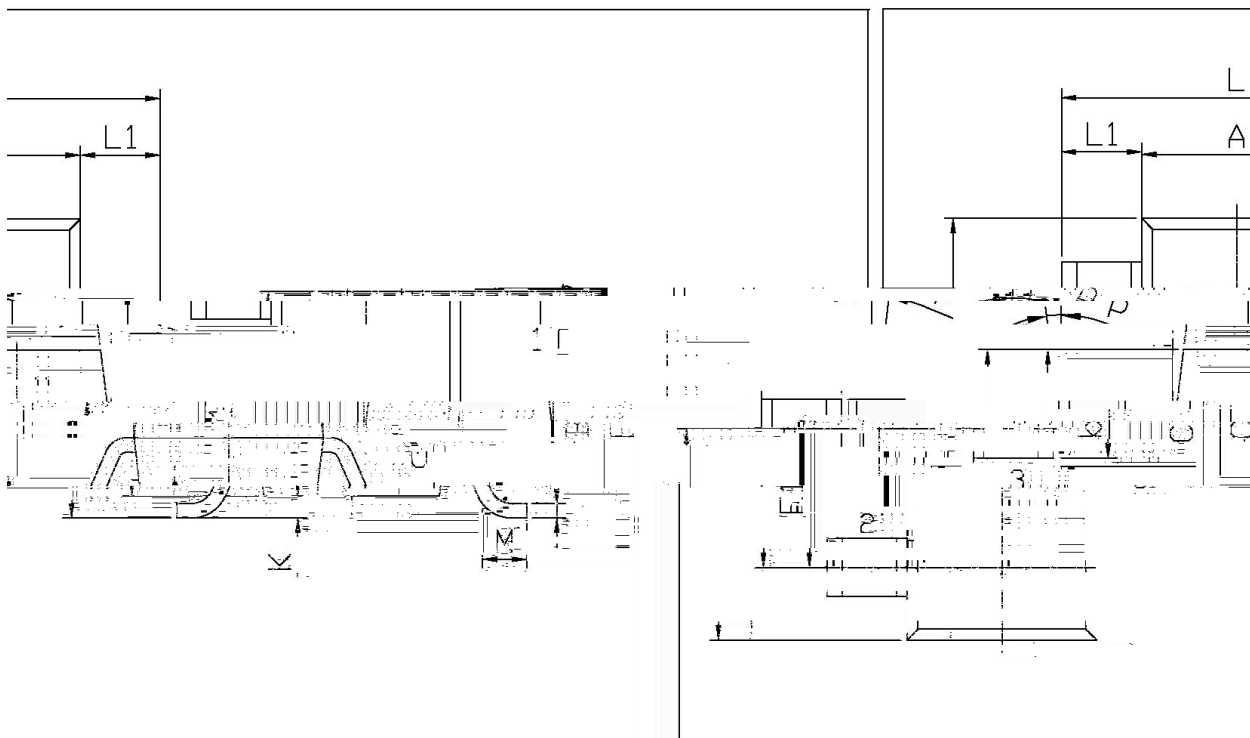
Parameter	Symbol	Rating	Unit
Maximum Repetitive Reverse Voltage	V_{RRM}	75	V

电参数曲线图 / Electrical Characteristic Curve



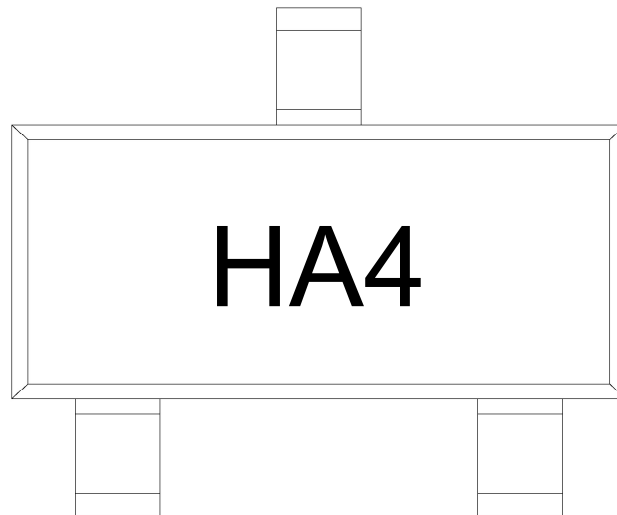
外形尺寸图 / Package Dimensions

单位: mm



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
L	2.2	2.7	C	1.30Max	
A	1.15	1.50	G1	0.90Max	1.20
B	2.70	3.10	G2	0.05	0.20
K			K	0.10	0.10
P	7°		E1	0.85	1.05
			b	0.35	0.55

印章说明 / Marking Instructions



H

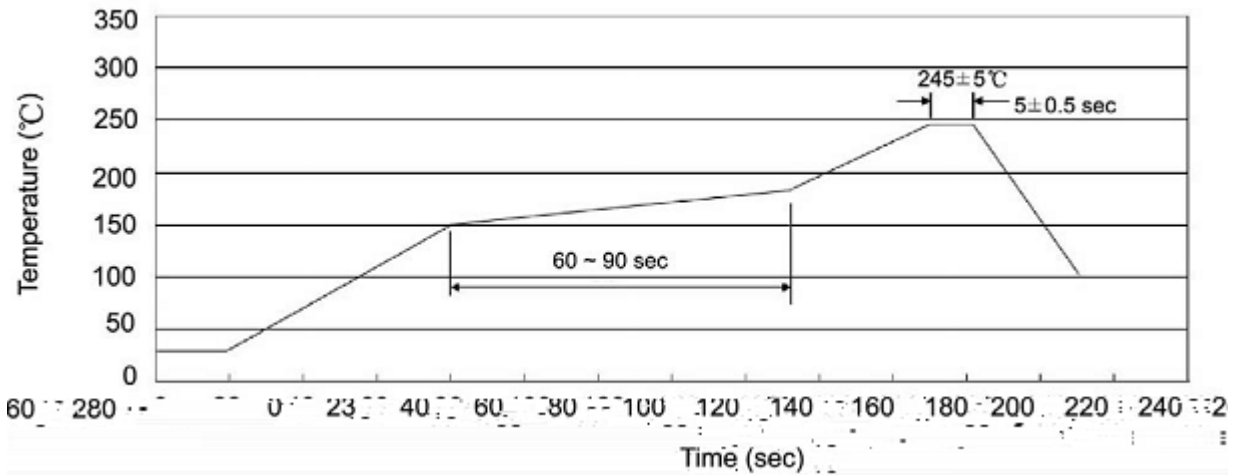
A4

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