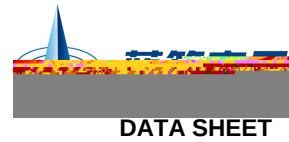
**/ Revised record**

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.

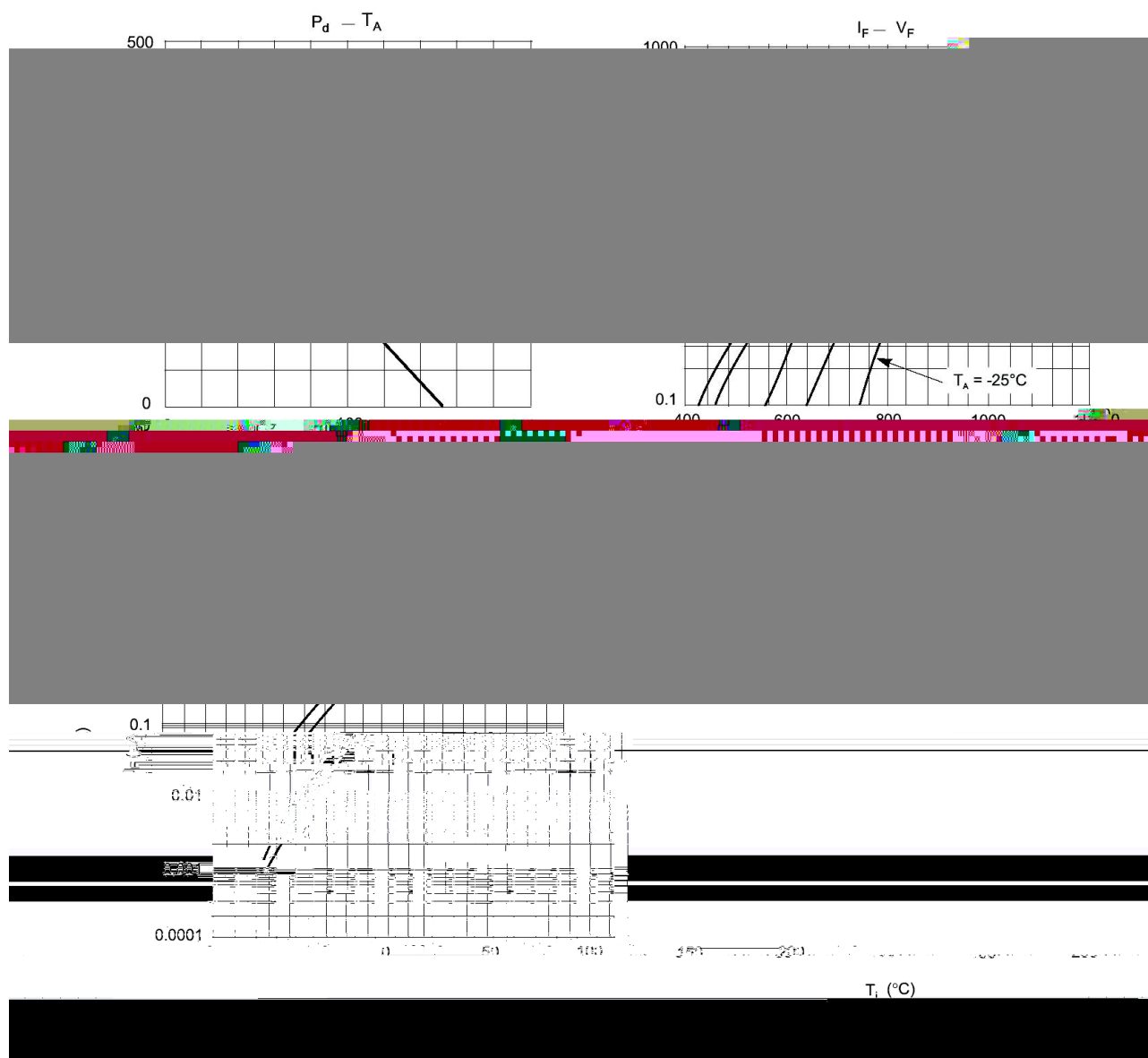
High Conductance Ultra Fast Diode.



PIN: See Equivalent Circuit

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

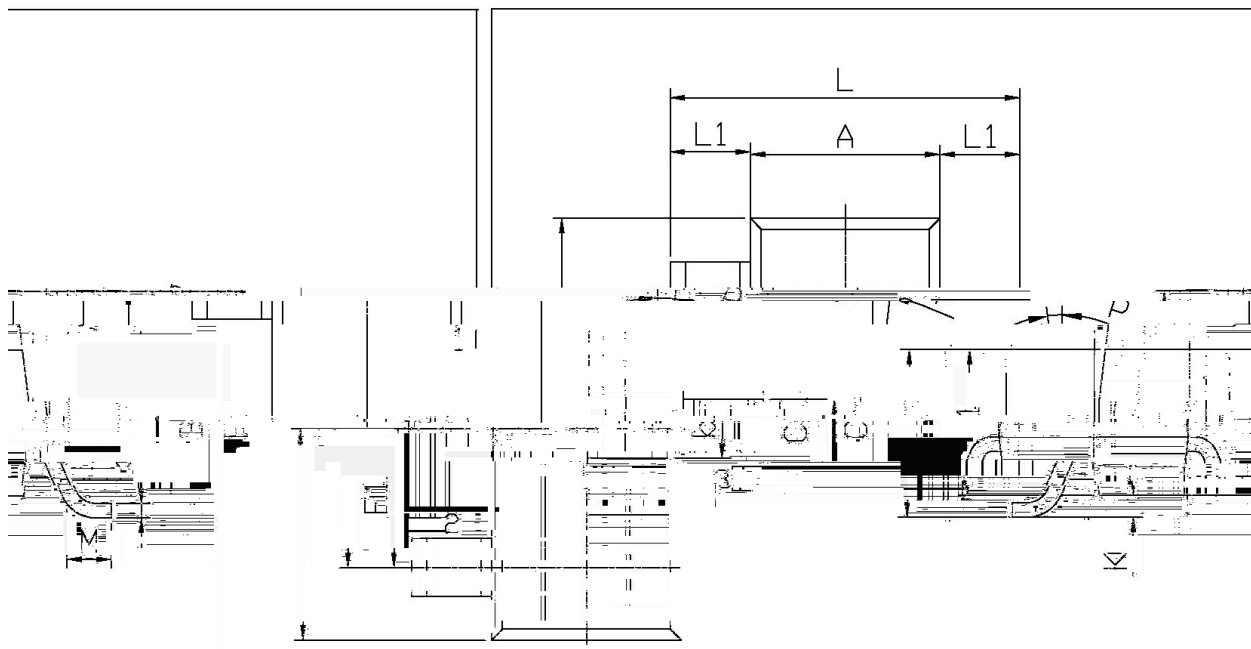
/ Electrical Characteristic Curve



/ Package Dimensions

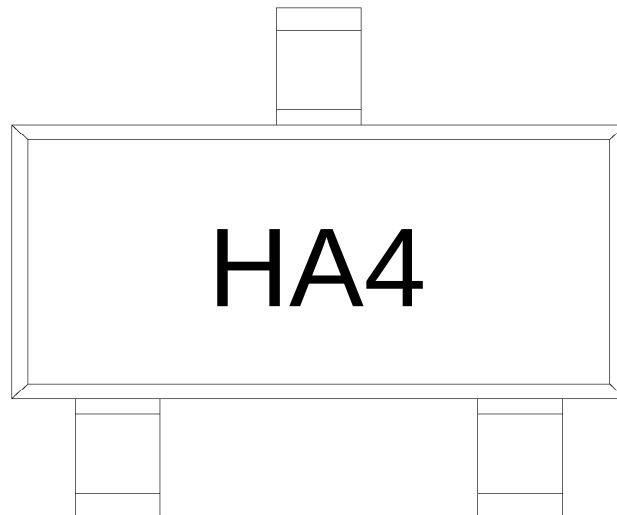
UNIT: mm

mm



Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
L	2.2	2.7	C	1.30Max	
L1	0.45	0.65	A	1.15	1.50
B	0.45	0.65	B	2.70	3.10
D	0.35	0.55	E	0.35	0.55
F	0.35	0.55	G	0.35	0.55
H	0.35	0.55	I	0.35	0.55
J	0.35	0.55	K	0.35	0.55
L	0.35	0.55	M	0.35	0.55
N	0.35	0.55	O	0.35	0.55
P	0.35	0.55	Q	0.35	0.55
R	0.35	0.55	S	0.35	0.55
T	0.35	0.55	U	0.35	0.55
V	0.35	0.55	W	0.35	0.55
X	0.35	0.55	Y	0.35	0.55
Z	0.35	0.55			

/ Marking Instructions



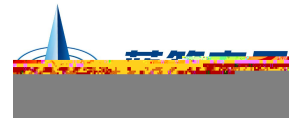
H

A4

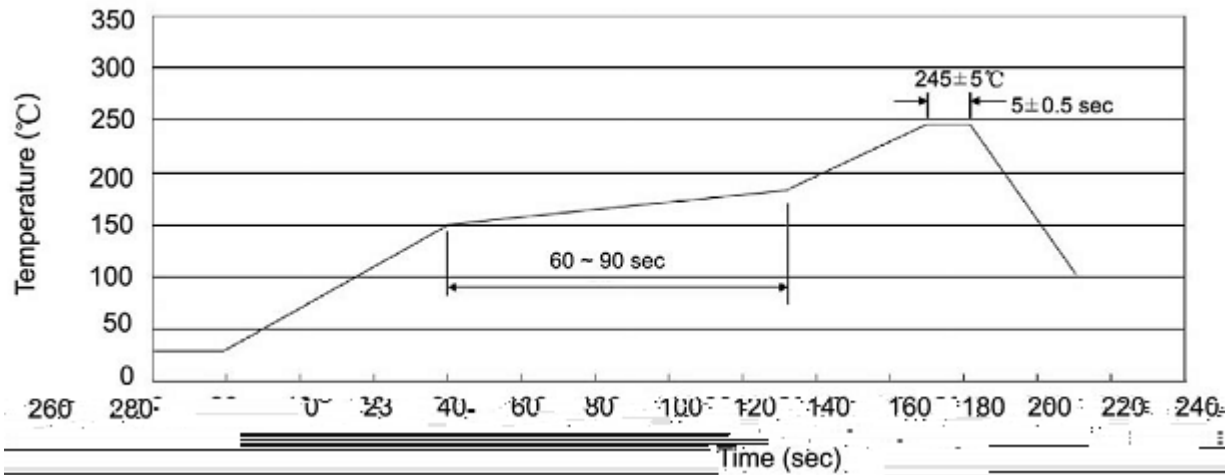
Note:

H: Company Code.

A4: Product Type Code.



() /



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. |

/ Resistance to Soldering Heat Test Conditions

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

/ 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

/ Notices