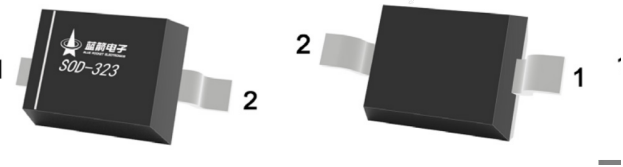
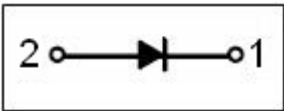


SOD-323
Silicon Diode in a SOD-323 Plastic Package.

Fast switching diodes,HF Product.

Small signal diode.

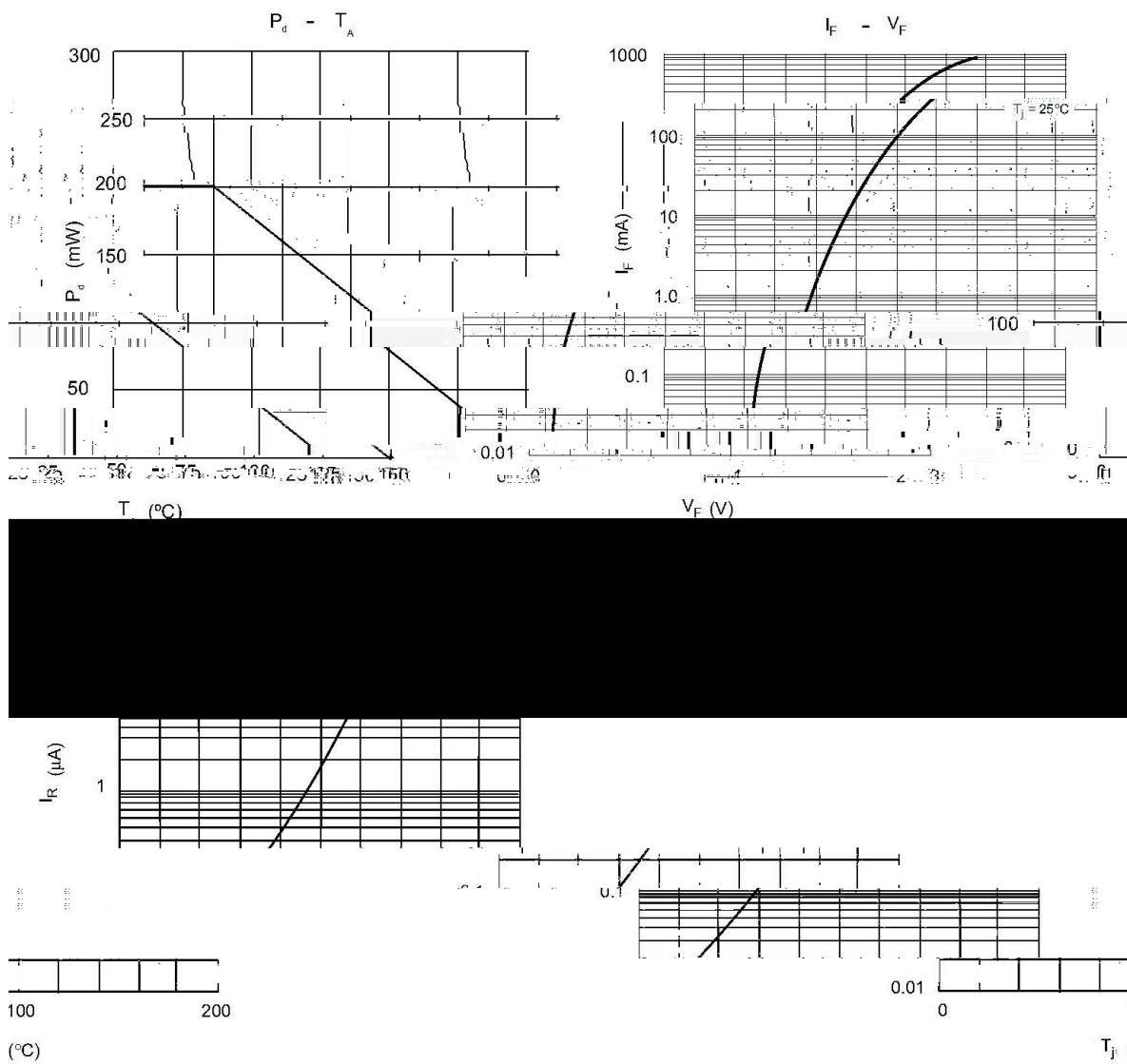


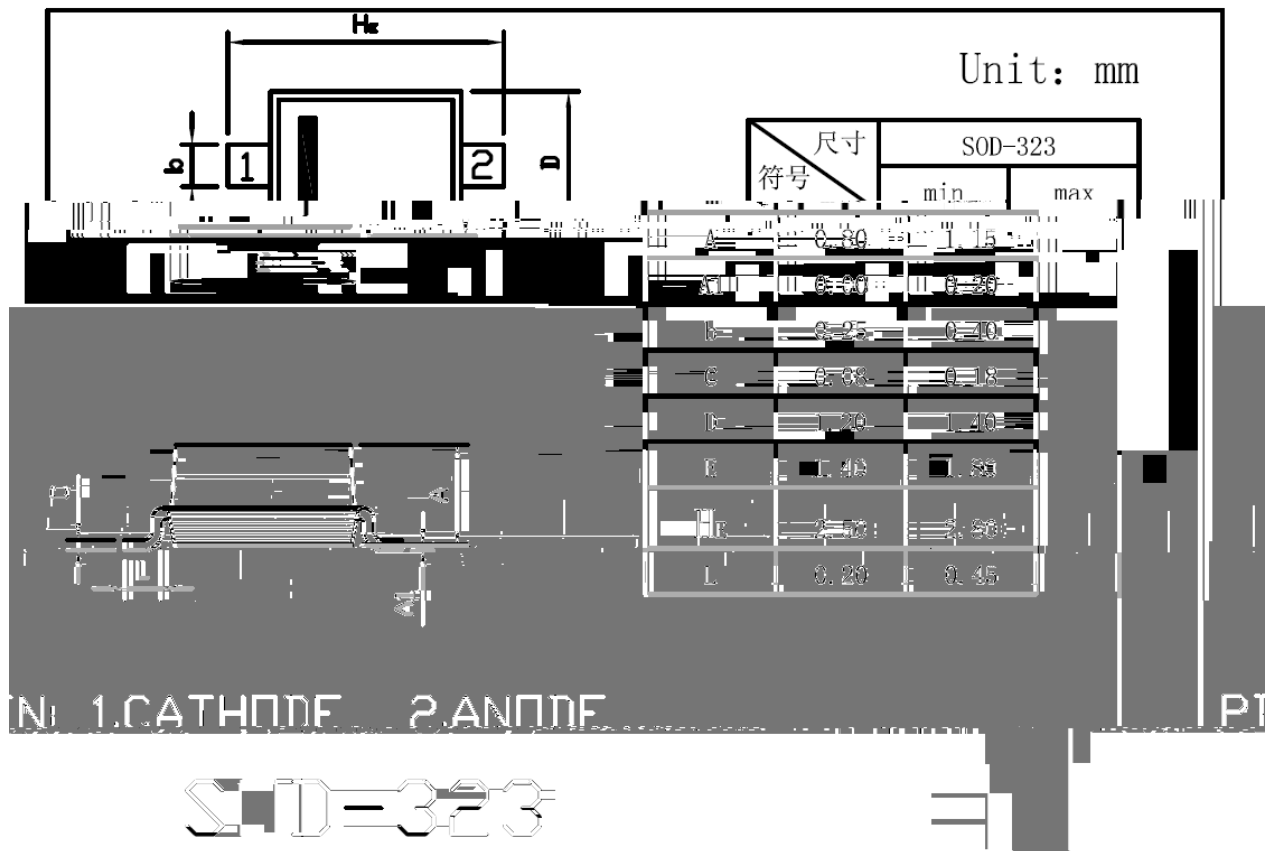
PIN1:Cathode PIN2:Anode

Model	BAV19WS	BAV20WS	BAV21WS
Marking	HA8	HT2	HT3

Parameter	Symbol	Rating			Unit
		BAV19WS	BAV20WS	BAV21WS	
Peak Repetitive Reverse Voltage	V_{RRM}	120	200	250	V
Working Peak Reverse Voltage, DC Reverse Voltage	V_{RWM} V_R	100	150	200	V
RMS Reverse Voltage	$V_{R\ RMS}$	71	106	141	V
Non-Repetitive Peak Forward Current	I_{FM}	400			mA
Output Current	I_O	200			mA
Non-Repetitive Peak Forward Surge Current	I_{FSM}	t=1.0μs:2.5A t=1.0s:0.5A			A
Power Dissipation	P_d	200			mW
Typical Thermal Resistance Junction to Ambient	R_{JA}	500			/W
Junction and Storage Temperature Range	T_J, T_{stg}	-65 TO +150			

Parameter	Symbol	Test Conditions	Rating		Unit
			MIN	MAX	
Reverse Breakdown Voltage	$V_{(BR)}$	$I_R=100\mu A$	BAV19WS	120	V
			BAV20WS	200	
			BAV21WS	250	







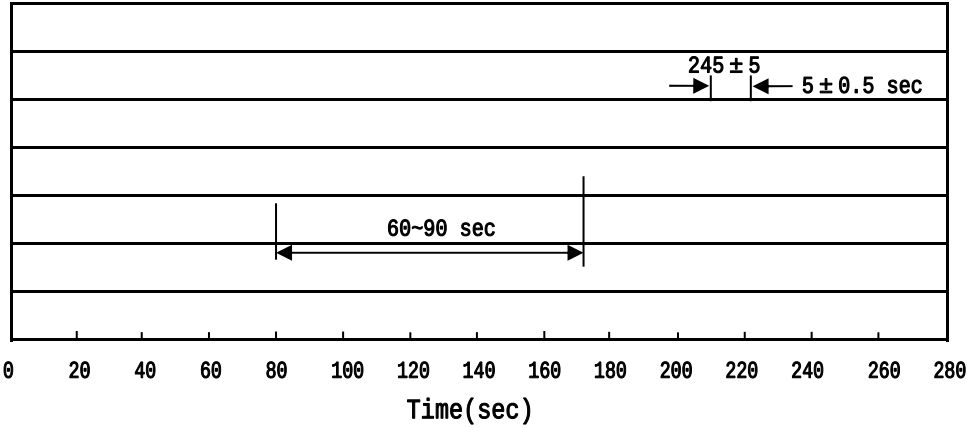
H

A8

Note:

H: Company Code

A8: Product Type Code



- 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.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm ³)		
SOD-323	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205