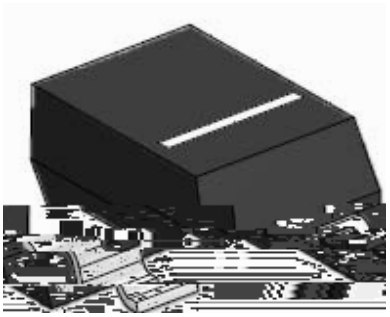
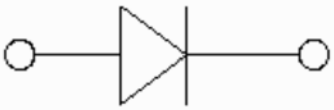
RoHS
COMPLIANT



- Moisture sensitivity level 1
- Reverse voltage 100V/150V/200V
- Average forward current 0.2A

- High frequency rectifier
- Signal switching



- SOD-123
- Tin plated leads, solderable per J-STD-002 and JESD22-B102

■ (T_a=25 Unless otherwise specified)

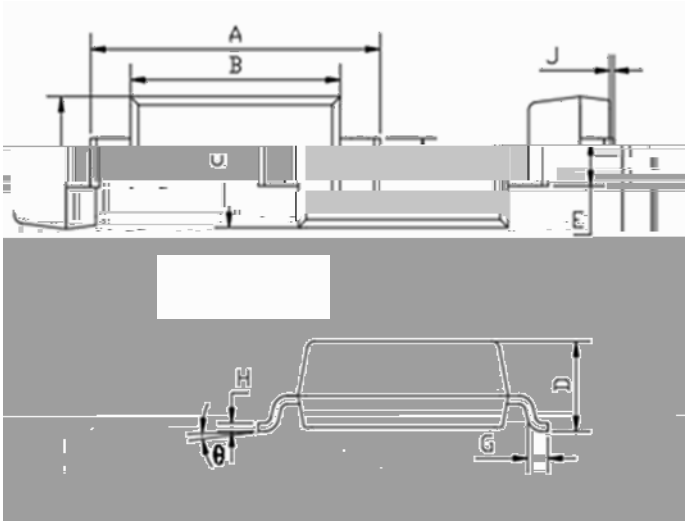
Device marking code			BAV19W	A8
			BAV20W	T2
			BAV21W	T3
Repetitive peak reverse voltage	V_{RRM}	V	BAV19W	120
			BAV20W	200
			BAV21W	250
Forward current	I_F	A	0.2	
Non-repetitive surge peak forward current @ t=8.3ms half-sine wave	I_{FSM}	A	2	
Non-repetitive surge peak forward current @ t=1ms square wave			2.5	
Non-repetitive surge peak forward current @ t=1s square wave			1	
Power dissipation	P_D	mW	400	

	[redacted]		
Junction temperature	T_J		-65 to +150
Storage temperature	T_{STG}		-65 to +150

■

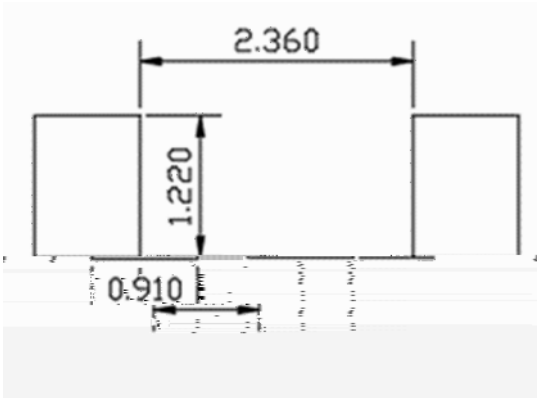
BAV19W THRU BAV21W	F2	Approximate 0.011	3000	30000	120000	7” reel
BAV19W THRU BAV21W	F3	Approximate 0.011	10000	/	210000	13” reel

■



DIMENSIONS				
DIM	INCHES		MM	
	MIN	MAX	MN	MAX
A	0.140	0.152	3.550	3.850
B	0.100	0.112	2.550	2.850
C	0.055	0.071	1.400	1.800
D	0.037	0.053	0.950	1.350
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
G	0.006	0.018	0.150	0.450
H	0.003	0.010	0.080	0.250
J	0.000	0.006	0.000	0.150
θ	0	8°	0	8°

■



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