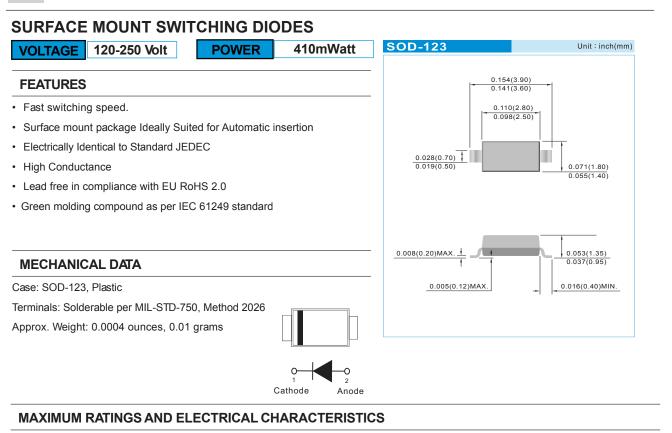


BAV19W~BAV21W



Ratings at 25°C ambient temperature unless otherwise specified. For capacitive load, derate current by 20%.

PARAMETER	SYMBOL	BAV19W	BAV20W	BAV21W	UNITS
Marking Code		A8	A80	A82	
Reverse Voltage	VR	100	150	200	V
Peak Reverse Voltage	Vrm	120	200	250	V
Rectified Current (Average), Half Wave Rectification with Resistive Load and f >=50 Hz	lo		mA		
Peak Forward Surge Current,1ms	Ifsm	4			А
Power Dissipation Derate Above 25°C	Ртот		mW		
Maximum Forward Voltage at 0.1A	VF	1			V
Maximum Reverse Current at Tj=25°C	IR	0.1@100	0.1@150	0.1@200	uA
Typical Junction Capacitance(Notes1)	Cl	5			рF
Maximum Reverse Recovery (Notes2)	Trr		ns		
Typical Thermal Resistance	R@JA	450			°C / W
Operating Junction and Storage Temperature Range	TJ, TSTG	-55 to +150			°C

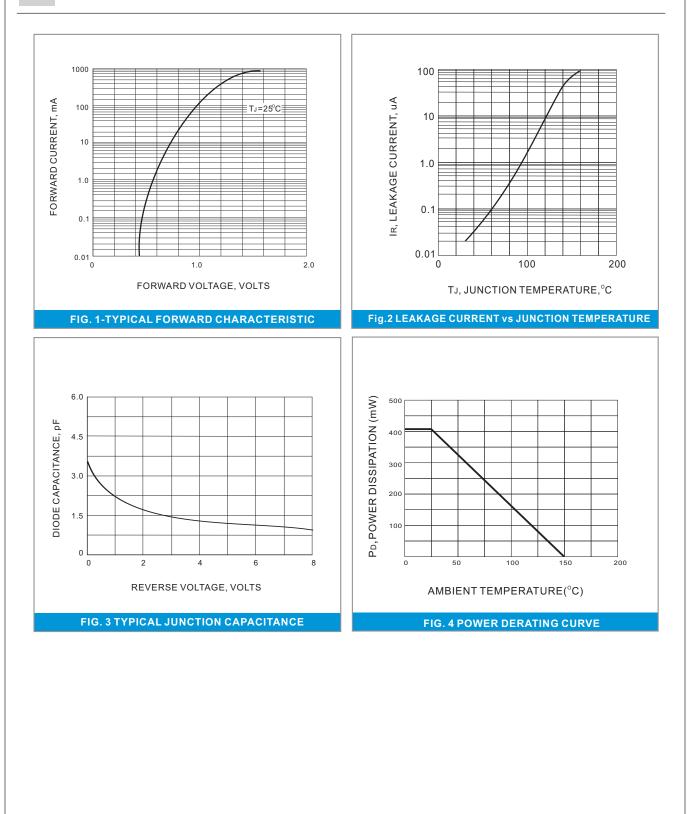
NOTE:

1. CJ at VR=0, f=1MHZ

2.From IF=10mA to IR=1mA, VR=6Volts, RL=100 Ω



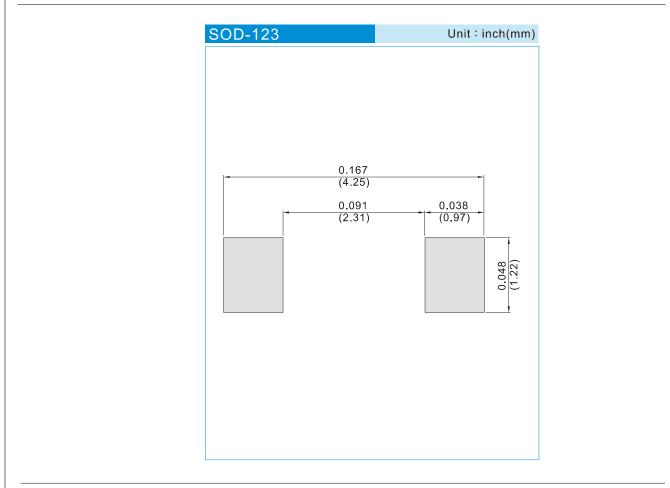
BAV19W~BAV21W





BAV19W~BAV21W

MOUNTING PAD LAYOUT



ORDER INFORMATION

Packing information

T/R - 10K per 13" plastic Reel

T/R - 3K per 7" plastic Reel



BAV19W~BAV	21W					
Part No_packing code BAV19W_R1_00001 BAV19W_R2_00001	e_Versi	on				
For example : <u>RB500V-40_R2_0000</u> Part No.		rial number rsion code means HF cking size code means 13 cking type means T/R				
Packing Code XX			Version Code XXXXX			
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code
Tape and Ammunition Box (T/B)	Α	N/A	0	HF	0	serial number
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number
Bulk Packing (B/P)	В	13"	2			
Tube Packing (T/P)	т	26mm	X			
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y			
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U			

PANASERT T/B CATHODE DOWN

(PBCD)

D

FORMING

F





Disclaimer

- Reproducing and modifying information of the document is prohibited without permission from Panjit International Inc..
- Panjit International Inc. reserves the rights to make changes of the content herein the document anytime without notification. Please refer to our website for the latest document.
- Panjit International Inc. disclaims any and all liability arising out of the application or use of any product including damages incidentally and consequentially occurred.
- Panjit International Inc. does not assume any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.
- Applications shown on the herein document are examples of standard use and operation. Customers are responsible in comprehending the suitable use in particular applications. Panjit International Inc. makes no representation or warranty that such applications will be suitable for the specified use without further testing or modification.
- The products shown herein are not designed and authorized for equipments requiring high level of reliability or relating to human life and for any applications concerning life-saving or life-sustaining, such as medical instruments, transportation equipment, aerospace machinery et cetera. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Panjit International Inc. for any damages resulting from such improper use or sale.
- Since Panjit uses lot number as the tracking base, please provide the lot number for tracking when complaining.