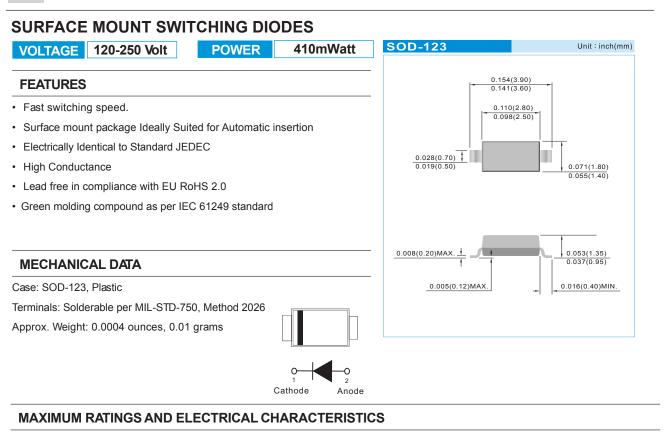


BAV19W~BAV21W



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	200			mA
Peak Forward Surge Current,1ms	Ifsm	4			A
Power Dissipation Derate Above 25°C	Ртот	410			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			pF
Maximum Reverse Recovery (Notes2)	Trr	50			ns
Typical Thermal Resistance	R@JA	450			°C / W
Operating Junction and Storage Temperature Range	TJ, TSTG	-55 to +150			°C

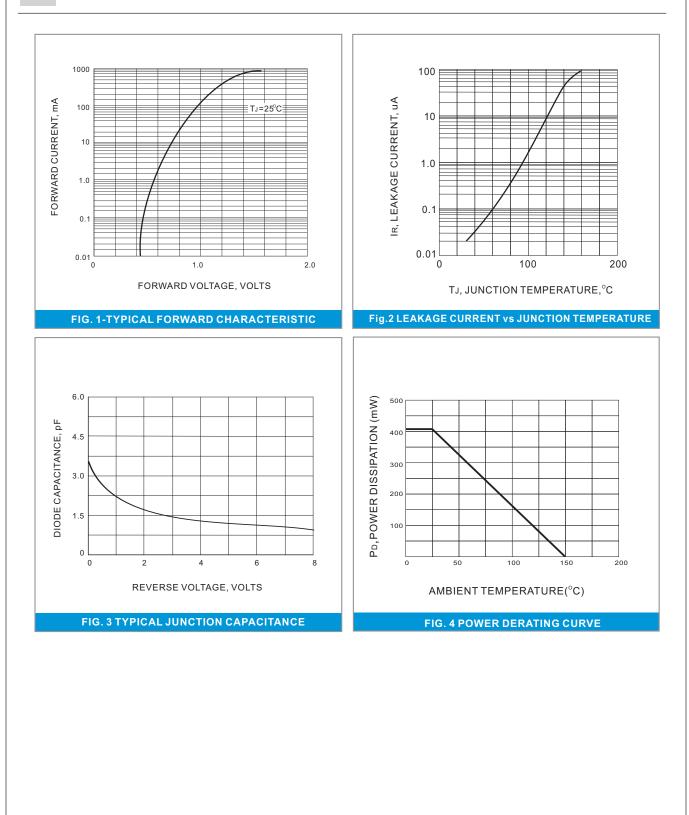
NOTE:

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

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



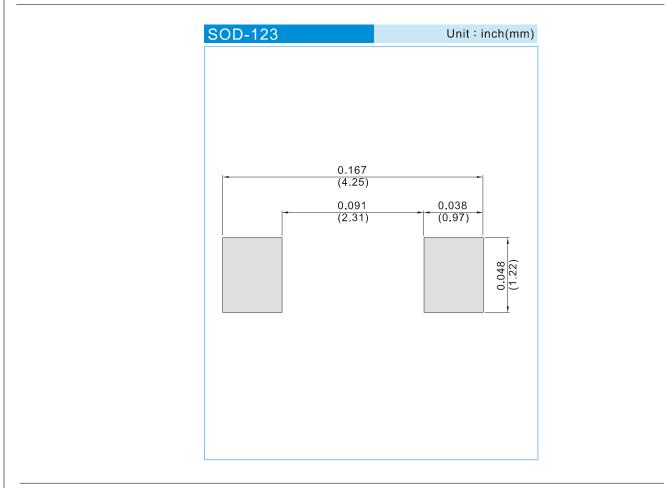
BAV19W~BAV21W





BAV19W~BAV21W

MOUNTING PAD LAYOUT



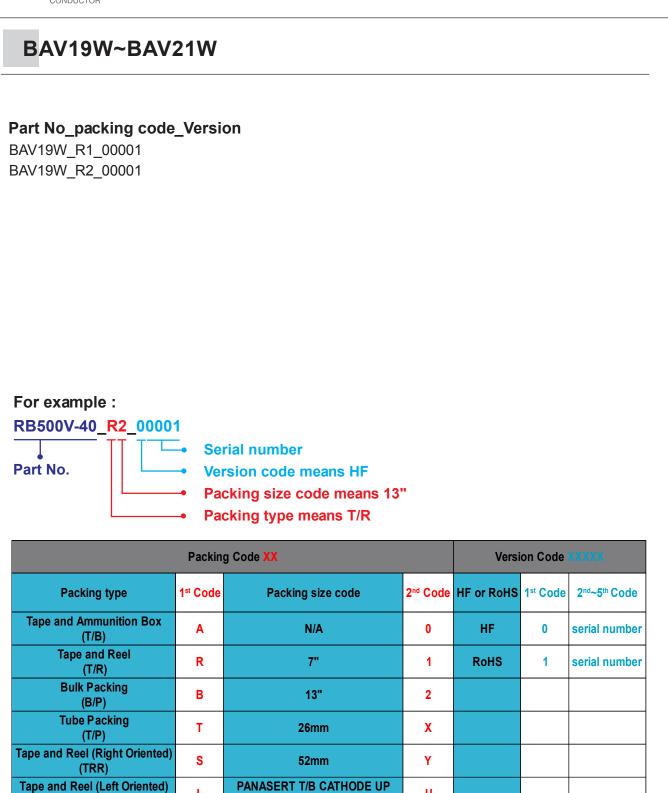
ORDER INFORMATION

Packing information

T/R - 10K per 13" plastic Reel

T/R - 3K per 7" plastic Reel





(PBCU) PANASERT T/B CATHODE DOWN

(PBCD)

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(TRL)

FORMING

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