

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

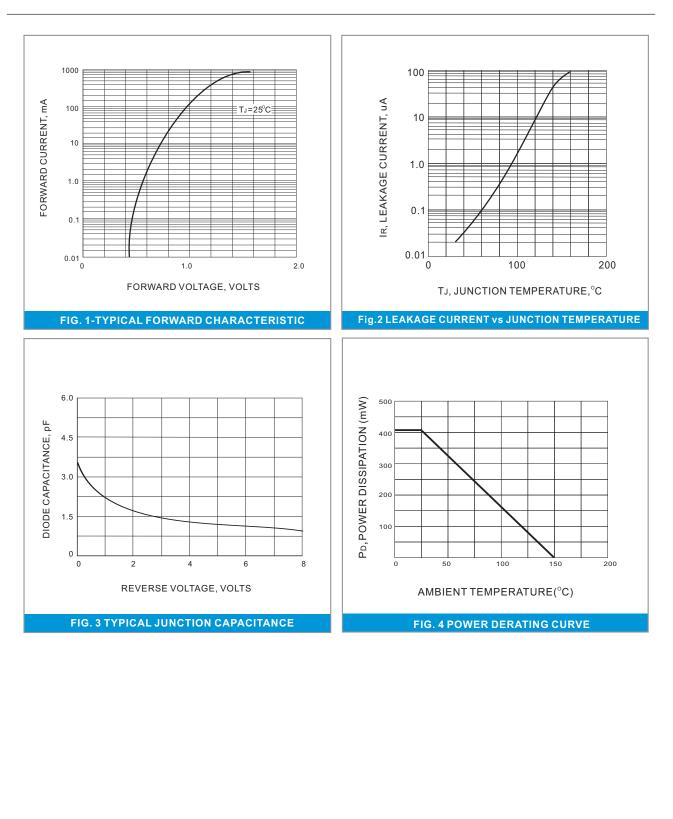
PARAMETER	SYMBOL	BAV19W	BAV20W	BAV21W	UNITS
Marking Code		A8	A80	A82	
Reverse Voltage	VR	100	150	200	V
Peak Reverse Voltage	Vrm	120	200	250	V
Rectified Current (Average), Half Wave Rectification with Resistive Load and f >=50 Hz	lo	200			mA
Peak Forward Surge Current,1ms	Ifsm	4			А
Power Dissipation Derate Above 25°C	Ртот	410			mW
Maximum Forward Voltage at 0.1A	VF	1			v
Maximum Reverse Current at TJ=25°C	lr	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, Ts⊤g	-55 to +150			°C

#### NOTE:

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

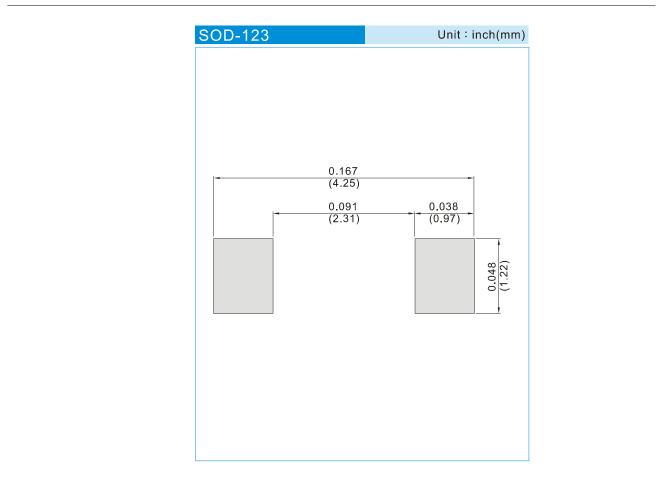
2.From IF=10mA to IR=1mA, VR=6Volts, RL=100 $\Omega$ 







### MOUNTING PAD LAYOUT



#### ORDER INFORMATION

Packing information

T/R - 10K per 13" plastic Reel

T/R - 3K per 7" plastic Reel



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