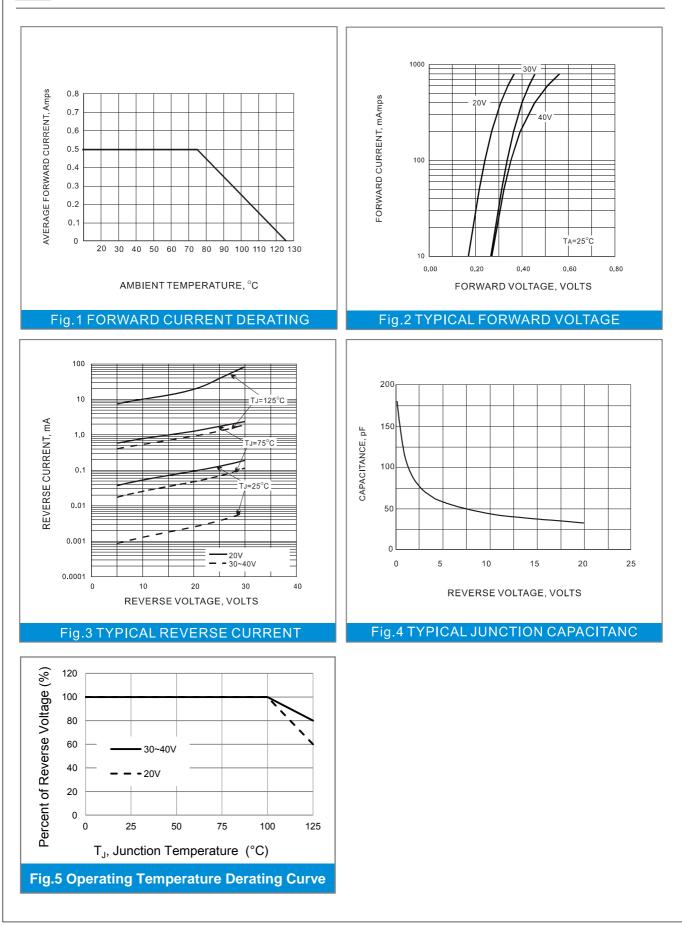


PARAMETER	SYMBOL	SS0520	SS0530	SS0540	UNITS
Marking Code		B2	В3	B4	
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	20	30	40	v
Maximum RMS Voltage	V _{RMS}	14	21	28	v
Maximum DC Blocking Voltage	V _{DC}	20	30	40	V
Maximum Average Forward Current at TA=75°C	I _{AV}	0.5			А
Peak Forward Surge Current, 8.3ms single half sine-wave superimposed on rated load	I _{fsm}		А		
Power Dissipation (Mounted on 48cm ² FR-4 PCB)	P _D	300			mW
Typical Junction Capacitance at $V_R = 0V$ DC	C	170			pF
Typical Thermal Resistance	R _{ejl} R _{eja}	150 206			°C / W
Operating Junction and Storage Temperature Range	Τ _J ,Τ _{stg}		°C		

ELECTRICAL CHARACTERISTICS (T₄=25°C unless otherwise noted)

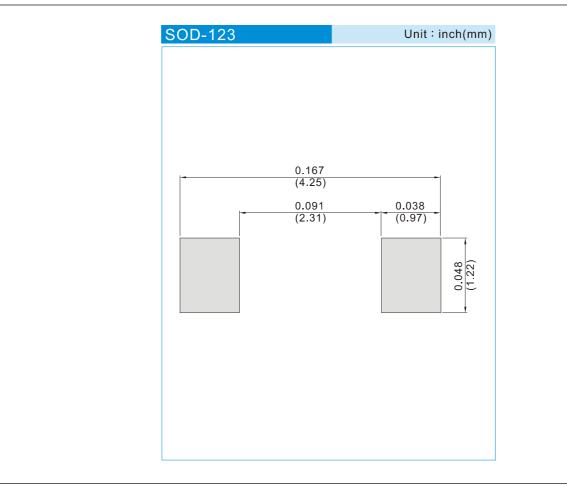
PARAMETER	SYMBOL	SS0520	SS0530	SS0540	UNITS
Maximum Instantaneous Forward Voltage	V _F	0.3@ 0.1A 0.385@ 0.5A	0.375@ 0.1A 0.430@ 0.5A	0.51@ 0.5A 0.62@1.0A	v
Maximum Reverse Current	I _R	75@Vr=10V	20@VR=15V	10@VR=20V	uA







MOUNTING PAD LAYOUT

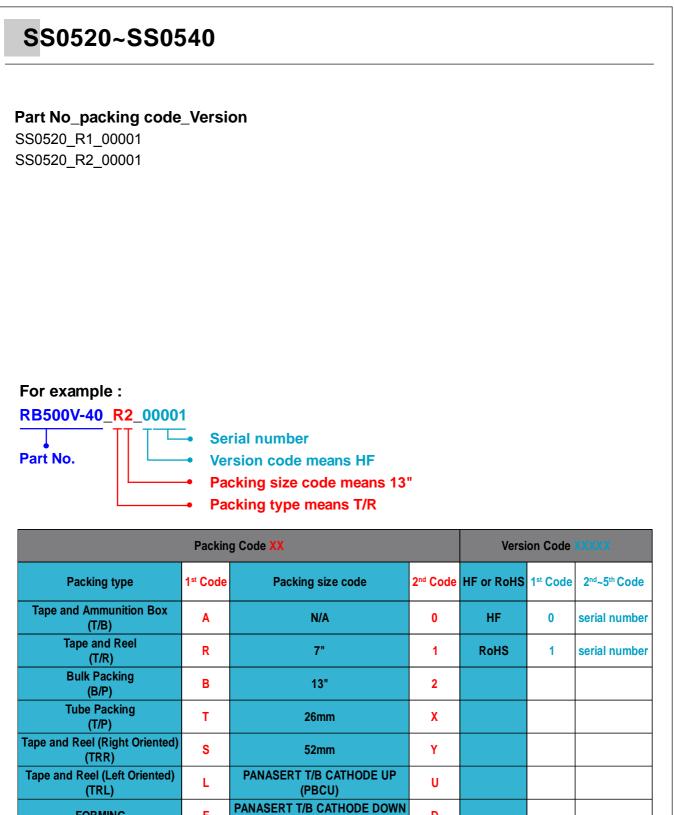


ORDER INFORMATION

Packing information

T/R - 10K per 13" plastic Reel T/R - 3K per 7" plastic Reel





(PBCD)

D

FORMING

F



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