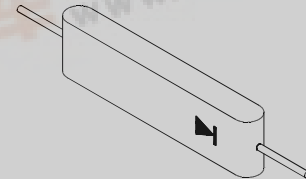


5,000 V - 12,500 V Rectifier Stacks

0.5 A Forward Current

3000 ns Recovery Time

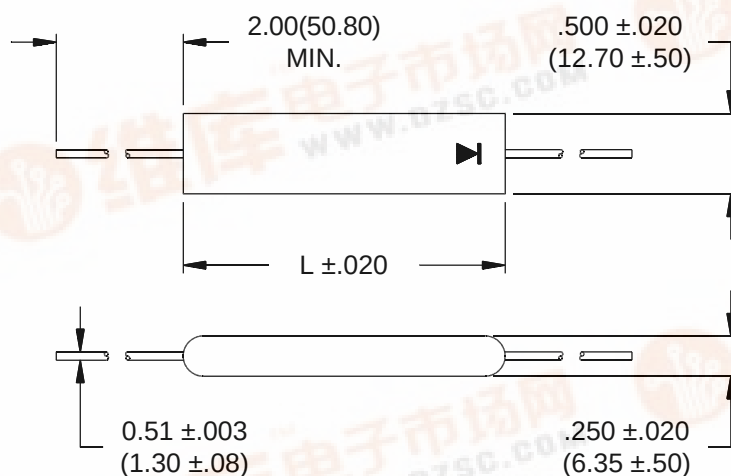
SP50S SP75S
SP100S SP125S



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (in oil) (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (1) (Trr)	Case Length (L)
		55°C	100°C	25°C	100°C	25°C	25°C	25°C	25°C	25°C	
		Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	
SP50S	5000	0.5	0.33	1.0	25	8.5	2.0	40	8	3000	1.125
SP75S	7500	0.5	0.33	1.0	25	17.0	2.0	40	8	3000	1.625
SP100S	10000	0.5	0.33	1.0	25	17.0	2.0	40	8	3000	2.000
SP125S	12500	0.5	0.33	1.0	25	25.5	2.0	40	8	3000	2.375

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=0.25A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.

SP50S SP75S SP100S SP125S

