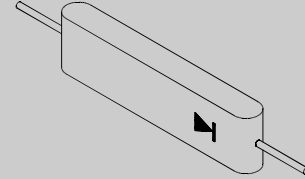


5,000 V - 12,500 V Rectifier Stacks

0.5 A Forward Current
3000 ns Recovery Time

SP50S SP75S
SP100S SP125S

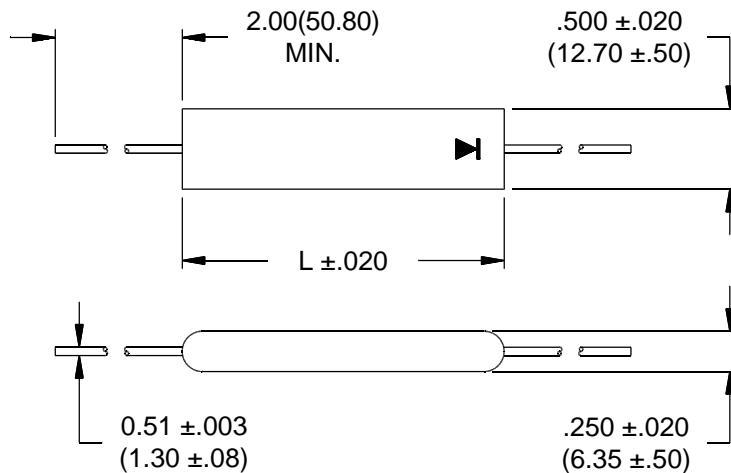


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rwm})	Average Rectified Current (in oil) (I _o)		Reverse Current @ V _{rwm} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (1) (T _{rr})	Case Length (L) in.
		55°C	100°C	25°C	100°C	25°C		25°C	25°C	25°C	
	Volts	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)T_{rr} Testing: I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C

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



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SP50S SP75S SP100S SP125S

