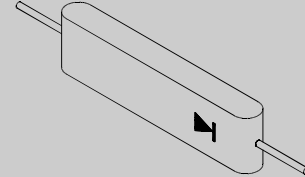


# 2,500 V - 10,000 V Rectifier Stacks

0.5 A Forward Current  
150 ns Recovery Time

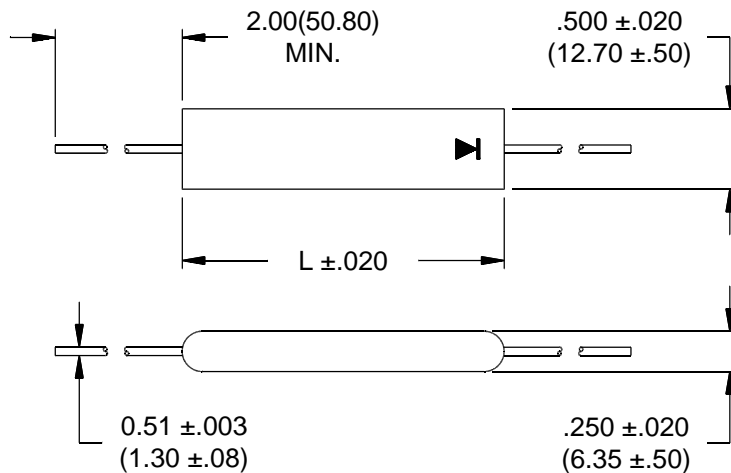
**SP25F SP50F  
SP75F SP100F**



## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V <sub>rwm</sub> )	Average Rectified Current (in oil) (I <sub>o</sub> )		Reverse Current @ V <sub>rwm</sub> (I <sub>r</sub> )		Forward Voltage (V <sub>f</sub> )		1 Cycle Surge Current t <sub>p</sub> =8.3ms (I <sub>fsm</sub> )	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (1) (T <sub>rr</sub> )	Case Length (L)
		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	in.
SP25F	2500	0.5	0.33	1.0	25	6.0	1.5	60	10	150	1.125
SP50F	5000	0.5	0.33	1.0	25	8.0	1.0	40	8	150	2.000
SP75F	7500	0.5	0.33	1.0	25	16.0	1.0	40	8	150	2.750
SP100F	10000	0.5	0.33	1.0	25	16.0	1.0	40	8	150	3.500

(1)T<sub>rr</sub> Testing: I<sub>f</sub>=0.5A, I<sub>r</sub>=1.0A, I<sub>rr</sub>=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.



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# SP25F SP50F SP75F SP100F

