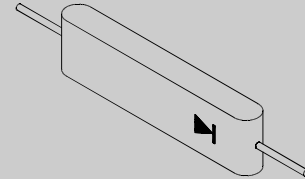


# 15,000 V - 30,000 V Rectifier Stacks

0.5 A Forward Current  
3000 ns Recovery Time

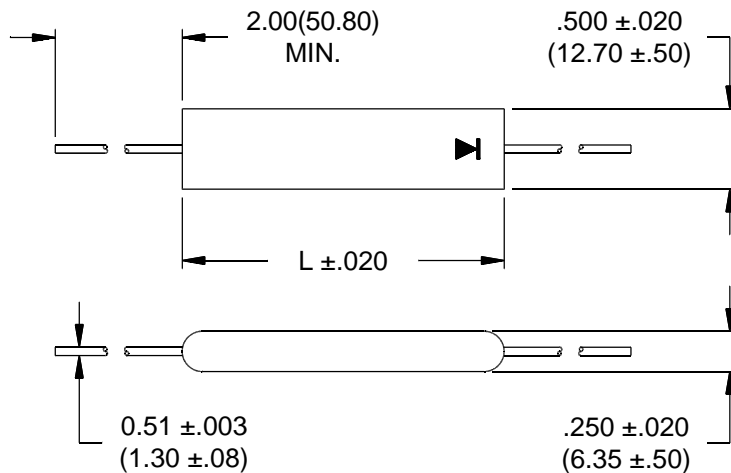
**SP150S SP200S**  
**SP250S SP300S**



## 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	
		Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	in.
SP150S	15000	0.5	0.33	1.0	25	25.5	2.0	40	8	3000	2.750
SP200S	20000	0.5	0.33	1.0	25	34.0	2.0	40	8	3000	3.500
SP250S	25000	0.5	0.33	1.0	25	42.5	2.0	40	8	3000	4.250
SP300S	30000	0.5	0.33	1.0	25	51.0	2.0	40	8	3000	5.000

(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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# SP150S SP200S SP250S SP300S

