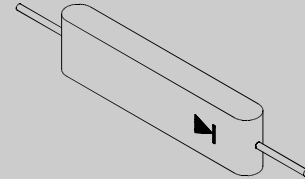


15,000 V - 30,000 V Rectifier Stacks

0.5 A Forward Current
3000 ns Recovery Time

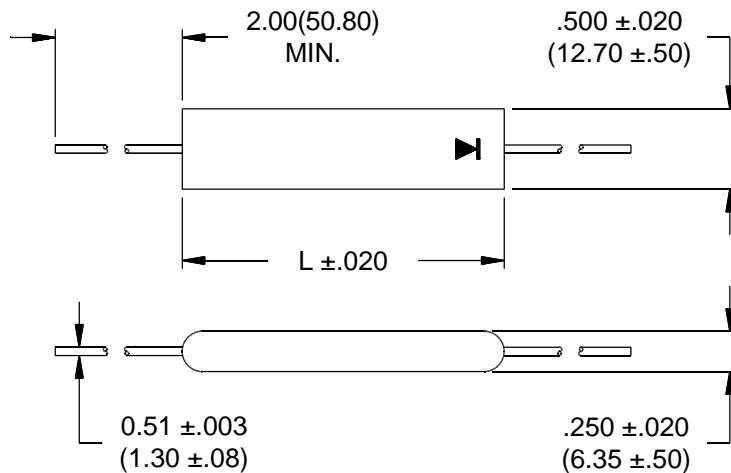
SP150S SP200S
SP250S SP300S



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{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)	
		Volts	55°C	100°C	25°C	100°C	25°C	Amps	25°C	25°C	25°C	in.
			Amps	Amps	µA	µA	Volts		Amps	Amps	Amps	
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_{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



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



VOLTAGE MULTIPLIERS INC.
8711 W. Roosevelt Ave.
Visalia, CA 93291

TEL 559-651-1402
FAX 559-651-0740
www.voltagemultipliers.com

SP150S SP200S SP250S SP300S

