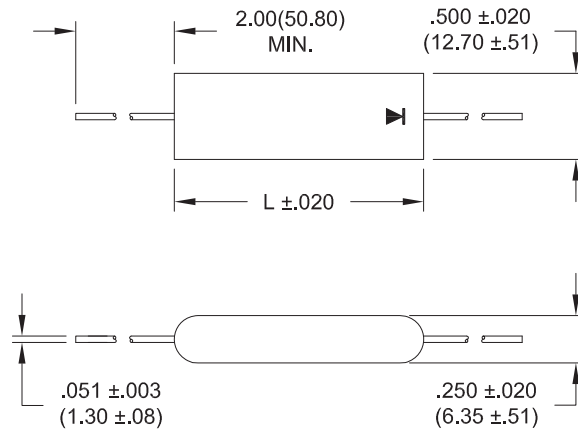


High Voltage Rectifier Stacks

0.5A • 3000ns • Axial Leaded

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS											
Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (in oil) (I _o)		Reverse Current @ V _{rw} (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)
		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.
SP50S	5000	0.5	0.33	1.0	25	8.5	1.0	40	8	3000	1.13
SP100S	10000	0.5	0.33	1.0	25	17.0	1.0	40	8	3000	2.00
SP150S	15000	0.5	0.33	1.0	25	25.5	1.0	40	8	3000	2.75
SP200S	20000	0.5	0.33	1.0	25	34.0	1.0	40	8	3000	3.50

(1)T_{rr} Testing: I_f=0.5mA, 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 USA

Tel: 559.651.1402
Fax: 559.651.0740

www.voltagemultipliers.com
www.highvoltagepowersupplies.com

SP50S SP100S SP150S SP200S

