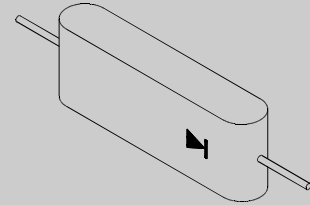


# 2,500 V - 10,000 V Rectifier Stacks

2.2 A Forward Current  
3000 ns Recovery Time

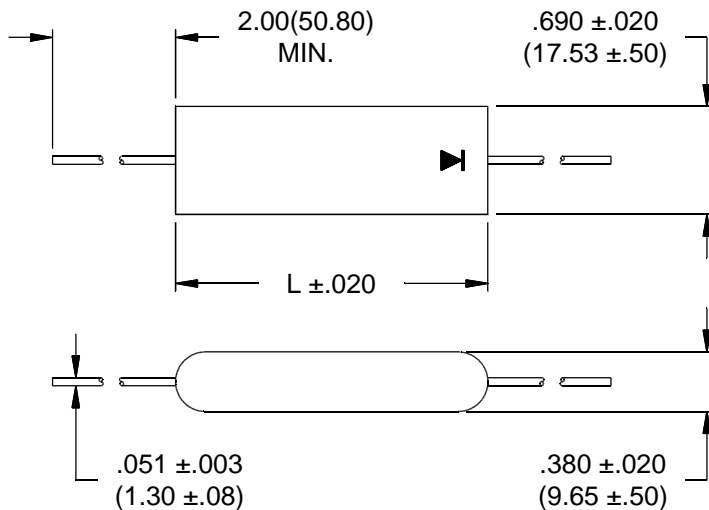
**FP25S FP50S  
FP75S FP100S**



## 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 (I <sub>fsm</sub> ) t <sub>p</sub> =8.3ms	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (1) (T <sub>rr</sub> )	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	
FP25S	2500	2.2	1.3	2.0	50	5.5	4.0	120	20	3000	1.500
FP50S	5000	2.2	1.3	2.0	50	11.0	4.0	120	20	3000	2.500
FP75S	7500	2.2	1.3	2.0	50	16.5	4.0	120	20	3000	3.500
FP100S	10000	2.2	1.3	2.0	50	22.0	4.0	120	20	3000	4.500

(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.



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

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

# FP25S FP50S FP75S FP100S

