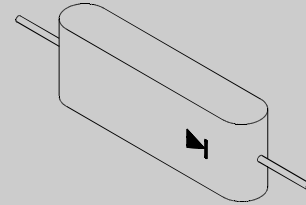


# 12,500 V - 20,000 V Rectifier Stacks

2.2 A Forward Current  
3000 ns Recovery Time

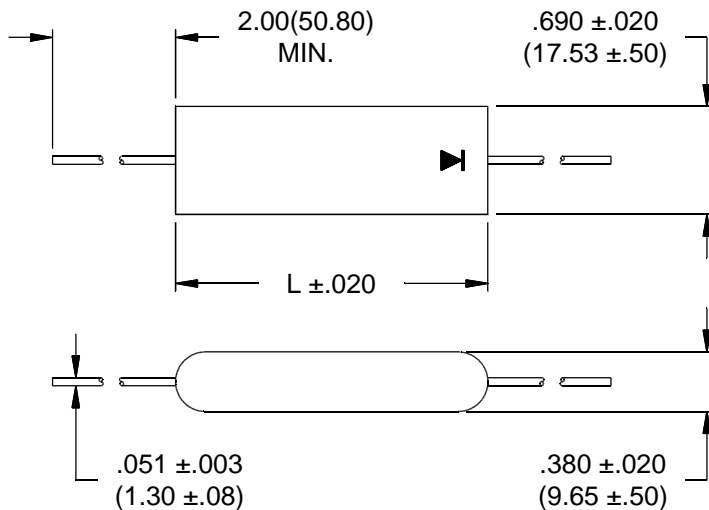
**FP125S FP150S**  
**FP175S FP200S**



## 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)	
		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	ns	
FP125S	12500	2.2	1.3	2.0	50	27.5	4.0	120	20	3000	5.500	
FP150S	15000	2.2	1.3	2.0	50	33.0	4.0	120	20	3000	6.500	
FP175S	17500	2.2	1.3	2.0	50	38.5	4.0	120	20	3000	6.500	
FP200S	20000	2.2	1.3	2.0	50	44.0	4.0	120	20	3000	6.500	

(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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# FP125S FP150S FP175S FP200S

