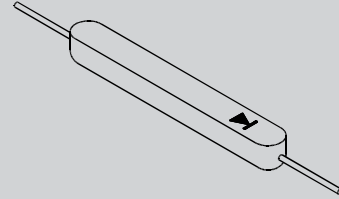


# 10,000 V - 45,000 V Rectifier Stacks

0.05 A Forward Current  
70 ns Recovery Time

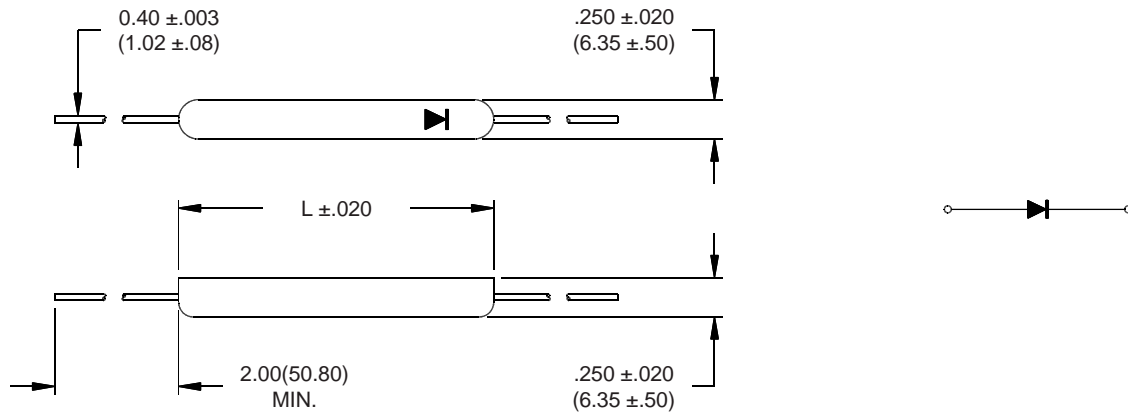
SPJ100F SPJ150F  
SPJ200F SPJ250F  
SPJ300F SPJ350F  
SPJ400F SPJ450F



## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V <sub>rw</sub> )	Average Rectified Current (in oil) (I <sub>o</sub> )		Reverse Current @ V <sub>rw</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	
		Amps	Amps	µA	µA	Volts		Amps	Amps	ns	
SPJ100F	10000	0.05	0.03	0.50	20	12	0.10	5	1	70	1.00
SPJ150F	15000	0.05	0.03	0.50	20	19	0.10	5	1	70	1.15
SPJ200F	20000	0.05	0.03	0.50	20	24	0.10	5	1	70	1.15
SPJ250F	25000	0.05	0.03	0.50	20	31	0.10	5	1	70	1.65
SPJ300F	30000	0.05	0.03	0.50	20	36	0.10	5	1	70	1.65
SPJ350F	35000	0.05	0.03	0.50	20	43	0.10	5	1	70	2.10
SPJ400F	40000	0.05	0.03	0.50	20	48	0.10	5	1	70	2.10
SPJ450F	45000	0.05	0.03	0.50	20	55	0.10	5	1	70	2.50

(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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**SPJ100F SPJ150F SPJ200F SPJ250F SPJ300F SPJ350F SPJ400F SPJ450F**

