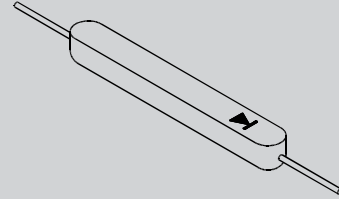


10,000 V - 45,000 V Rectifier Stacks
0.05 A Forward Current
70 ns Recovery Time

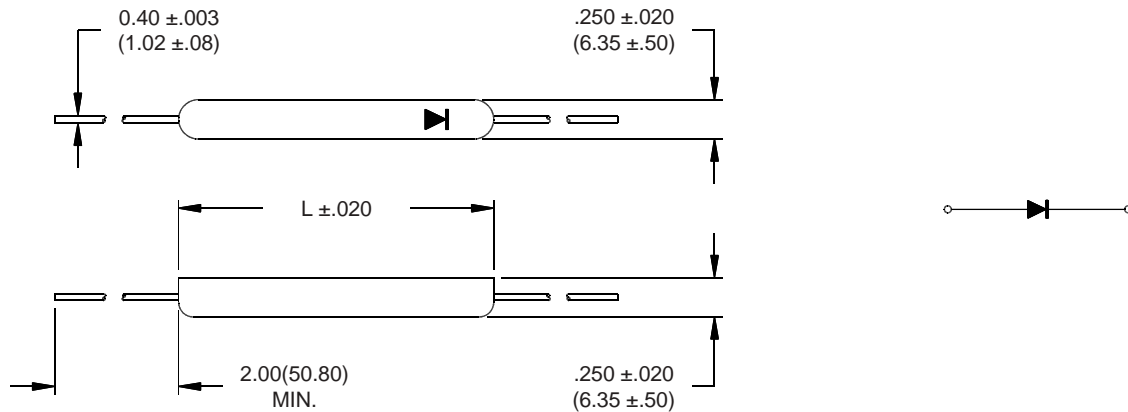
SPJ100F SPJ150F
SPJ200F SPJ250F
SPJ300F SPJ350F
SPJ400F SPJ450F



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{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.
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_{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.



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