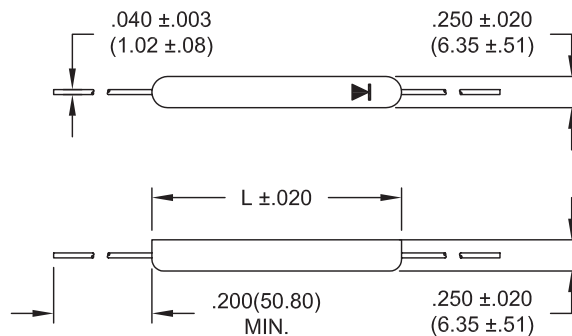


# High Voltage Rectifier Stacks

50mA • 70ns - 3000ns • Axial Leaded

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 t <sub>p</sub> =8.3ms (I <sub>fsm</sub> )	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (1) (T <sub>rr</sub> )	Case Length (L)
		55°C	100°C	25°C	100°C	25°C		25°C	25°C	25°C	
	Volts	mA	mA	µA	µA	Volts	mA	Amps	Amps	ns	in.
SPJ100F	10000	50	30	0.50	20	12	10	5	1	70	1.00
SPJ150F	15000	50	30	0.50	20	19	10	5	1	70	1.15
SPJ200F	20000	50	30	0.50	20	24	10	5	1	70	1.15
SPJ250F	25000	50	30	0.50	20	31	10	5	1	70	1.65
SPJ300F	30000	50	30	0.50	20	36	10	5	1	70	1.65
SPJ350F	35000	50	30	0.50	20	43	10	5	1	70	2.10
SPJ400F	40000	50	30	0.50	20	48	10	5	1	70	2.10
SPJ450F	45000	50	30	0.50	20	55	10	5	1	70	2.50
SPJ100S	10000	50	30	0.50	20	10	10	5	1	3000	1.00
SPJ150S	15000	50	30	0.50	20	18	10	5	1	3000	1.15
SPJ200S	20000	50	30	0.50	20	20	10	5	1	3000	1.15
SPJ250S	25000	50	30	0.50	20	28	10	5	1	3000	1.65
SPJ300S	30000	50	30	0.50	20	30	10	5	1	3000	1.65
SPJ350S	35000	50	30	0.50	20	38	10	5	1	3000	2.10
SPJ400S	40000	50	30	0.50	20	40	10	5	1	3000	2.10
SPJ450S	45000	50	30	0.50	20	48	10	5	1	3000	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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