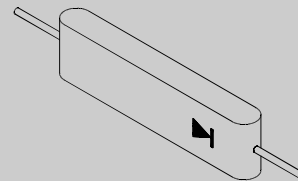


2,500 V - 10,000 V Rectifier Stacks

0.5 A Forward Current
150 ns Recovery Time

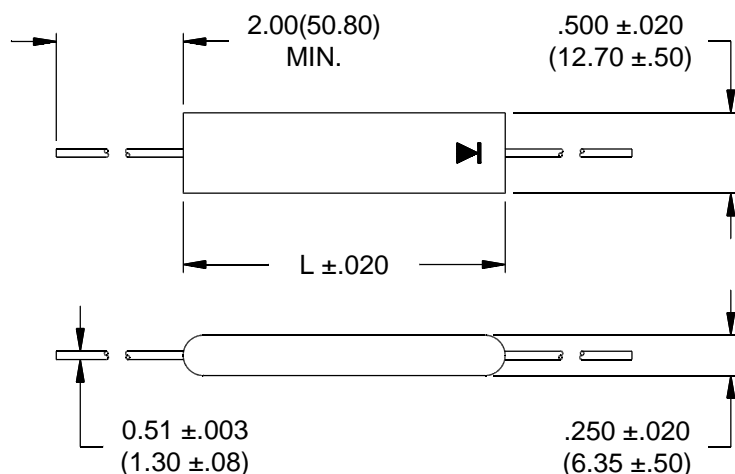
SP25F SP50F
SP75F SP100F



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 | |
| SP25F | 2500 | 0.5 | 0.33 | 1.0 | 25 | 6.0 | 1.5 | 60 | 10 | 150 | 1.125 |
| SP50F | 5000 | 0.5 | 0.33 | 1.0 | 25 | 8.0 | 1.0 | 40 | 8 | 150 | 2.000 |
| SP75F | 7500 | 0.5 | 0.33 | 1.0 | 25 | 16.0 | 1.0 | 40 | 8 | 150 | 2.750 |
| SP100F | 10000 | 0.5 | 0.33 | 1.0 | 25 | 16.0 | 1.0 | 40 | 8 | 150 | 3.500 |

(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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