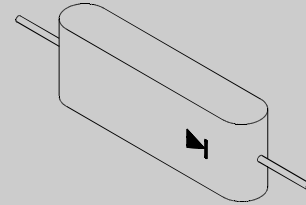


12,500 V - 20,000 V Rectifier Stacks

2.2 A Forward Current
3000 ns Recovery Time

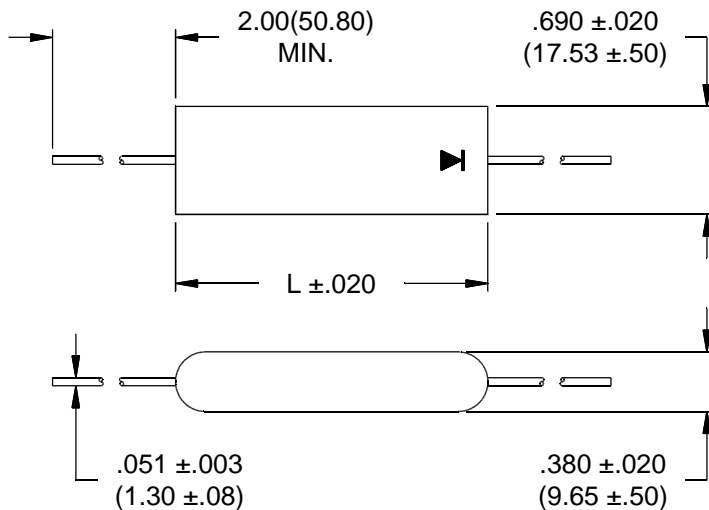
FP125S FP150S
FP175S FP200S



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

| Part Number | Working Reverse Voltage (V _{rwm}) | Average Rectified Current (in oil) (I _o) | | Reverse Current @ V _{rwm} (I _r) | | Forward Voltage (V _f) | | 1 Cycle Surge Current (I _{fsm}) t _p =8.3ms | 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 | |
| | | Amps | Amps | µA | µA | Volts | Amps | Amps | Amps | ns | in. |
| 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_{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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