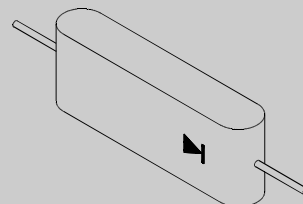


# 12,500 V - 20,000 V Rectifier Stacks

2.2 A Forward Current  
150 ns Recovery Time

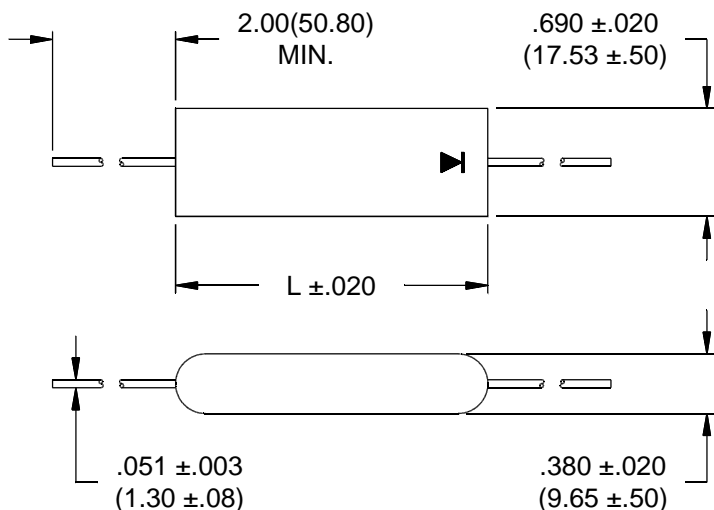
**FP125F FP150F  
FP175F FP200F**



## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

| Part Number | Working Reverse Voltage<br>(V <sub>rwm</sub> )<br>Volts | Average Rectified Current (in oil) (I <sub>o</sub> ) |       | Reverse Current @ V <sub>rwm</sub> (I <sub>r</sub> ) |       | Forward Voltage (V <sub>f</sub> ) |      | 1 Cycle Surge Current (I <sub>fsm</sub> ) | Repetitive Surge Current (I <sub>frm</sub> ) | Reverse Recovery Time (1) (T <sub>rr</sub> ) | Case Length (L)<br>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   |  |                        |
| FP125F      | 12500   | 2.2  | 1.3   | 2.0  | 50    | 30.0                              | 3.0  | 120                                       | 20   | 150  | 5.500                  |
| FP150F      | 15000   | 2.2  | 1.3   | 2.0  | 50    | 36.0                              | 3.0  | 120                                       | 20   | 150  | 6.500                  |
| FP175F      | 17500   | 2.2  | 1.3   | 2.0  | 50    | 42.0                              | 3.0  | 120                                       | 20   | 150  | 6.500                  |
| FP200F      | 20000   | 2.2  | 1.3   | 2.0  | 50    | 48.0                              | 3.0  | 120                                       | 20   | 150  | 6.500                  |

(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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# FP125F FP150F FP175F FP200F

