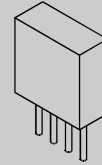


# 200 V - 1,000 V Single Phase Bridge

1.4 A - 1.5 A Forward Current

70 ns - 3000 ns Recovery Time

**1102D - 1110D**  
**1102FD - 1110FD**  
**1102UFD - 1110UFD**

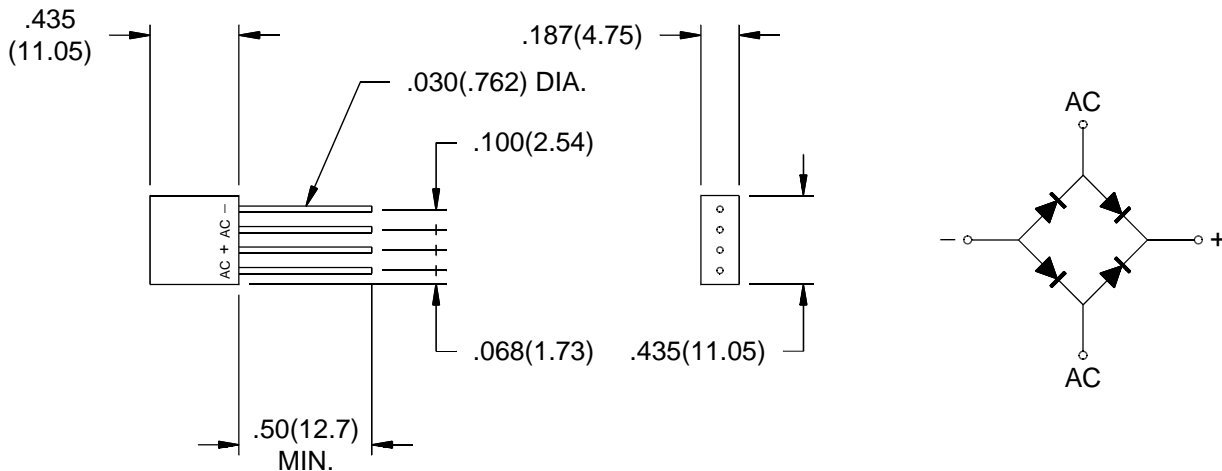


## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V <sub>rwm</sub> )	Average Rectified Current @TC (I <sub>o</sub> )		Reverse Current @ V <sub>rwm</sub> (I <sub>r</sub> )		Forward Voltage (V <sub>f</sub> )		1 Cycle Surge Current tp=8.3ms (I <sub>fsm</sub> )	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (1) (T <sub>rr</sub> )	Thermal Impd. θ <sub>J-C</sub>
		55°C	100°C	25°C	100°C	25°C	Amps	25°C	25°C	25°C	°C/W
		Amps	Amps	µA	µA	Volts		Amps	Amps	ns	
1102D 1106D 1110D	200 600 1000	1.5 1.5 1.5	1.0 1.0 1.0	1.0 1.0 1.0	25 25 25	1.1 1.1 1.1	1.0 1.0 1.0	50 50 50	10 10 10	3000 3000 3000	22.5 22.5 22.5
1102FD 1106FD 1110FD	200 600 1000	1.5 1.5 1.5	1.0 1.0 1.0	1.0 1.0 1.0	25 25 25	1.3 1.3 1.3	1.0 1.0 1.0	25 25 25	6.0 6.0 6.0	150 150 150	22.5 22.5 22.5
1102UFD 1106UFD 1110UFD	200 600 1000	1.4 1.4 1.4	0.9 0.9 0.9	1.0 1.0 1.0	25 25 25	1.7 1.7 1.7	1.0 1.0 1.0	25 25 25	5.0 5.0 5.0	70 70 70	22.5 22.5 22.5

(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

**10**



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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# 1102D - 1110D • 1102FD - 1110FD • 1102UFD - 1110UFD

