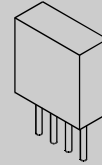


# 200 V - 1,000 V Single Phase Bridge

1.4 A - 1.5 A Forward Current

70 ns - 3000 ns Recovery Time

**1102B - 1110B**  
**1102FB - 1110FB**  
**1102UFB - 1110UFB**

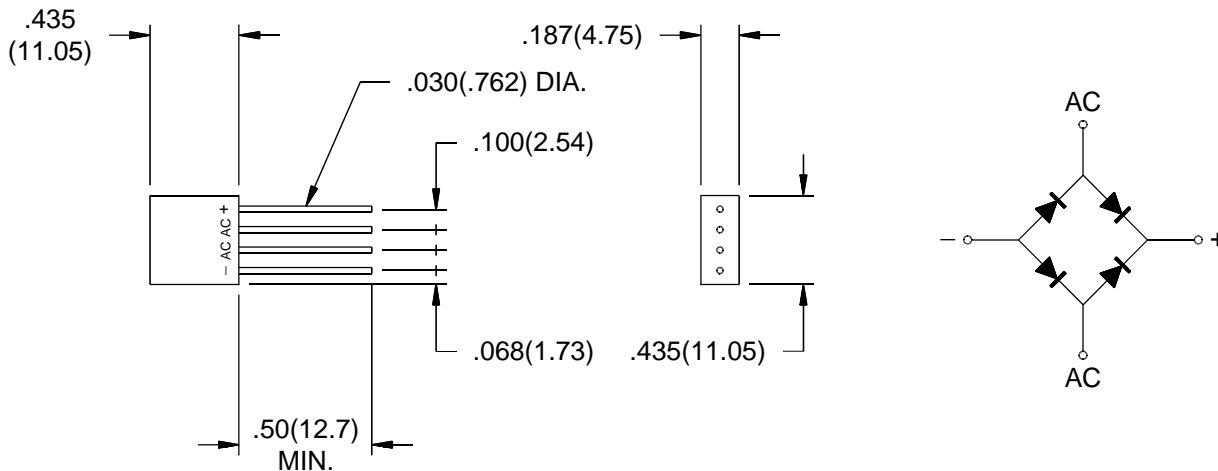


## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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		25°C	25°C	25°C	
		Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W
1102B	200	1.5	1.0	1.0	25	1.1	1.0	50	10	3000	22.5
1106B	600	1.5	1.0	1.0	25	1.1	1.0	50	10	3000	22.5
1110B	1000	1.5	1.0	1.0	25	1.1	1.0	50	10	3000	22.5
1102FB	200	1.5	1.0	1.0	25	1.3	1.0	25	6.0	150	22.5
1106FB	600	1.5	1.0	1.0	25	1.3	1.0	25	6.0	150	22.5
1110FB	1000	1.5	1.0	1.0	25	1.3	1.0	25	6.0	150	22.5
1102UFB	200	1.4	0.9	1.0	25	1.7	1.0	25	5.0	70	22.5
1106UFB	600	1.4	0.9	1.0	25	1.7	1.0	25	5.0	70	22.5
1110UFB	1000	1.4	0.9	1.0	25	1.7	1.0	25	5.0	70	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.



**VOLTAGE MULTIPLIERS INC.**  
 8711 W. Roosevelt Ave.  
 Visalia, CA 93291

TEL 559-651-1402  
 FAX 559-651-0740  
[www.voltagemultipliers.com](http://www.voltagemultipliers.com)

# 1102B - 1110B • 1102FB - 1110FB • 1102UFB - 1110UFB

