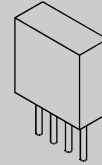


# 200 V - 1,000 V Single Phase Bridge

1.4 A - 1.5 A Forward Current  
70 ns - 3000 ns Recovery Time

**1102E - 1110E**  
**1102FE - 1110FE**  
**1102UFE - 1110UFE**

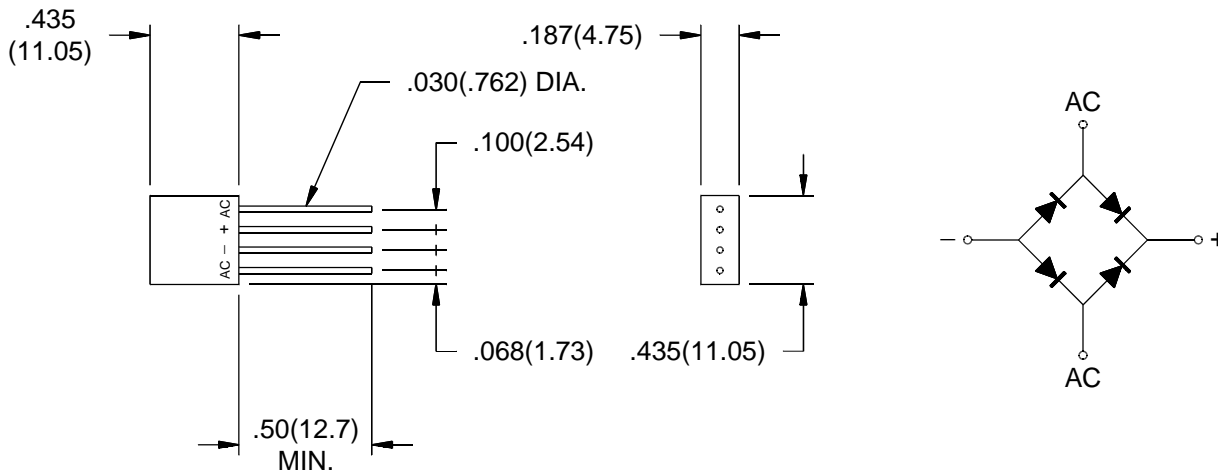


## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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 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	Amps	µA	µA	Volts	Amps				
1102E 1106E 1110E	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
1102FE 1106FE 1110FE	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
1102UFE 1106UFE 1110UFE	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.



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

TEL 559-651-1402  
FAX 559-651-0740  
www.voltagemultipliers.com

# 1102E - 1110E • 1102FE - 1110FE • 1102UFE - 1110UFE

