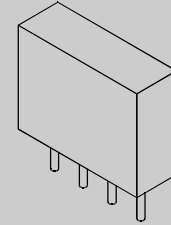


# 200 V - 1,000 V Single Phase Bridge

3.0 A Forward Current

70 ns - 3000 ns Recovery Time

**1202E - 1210E**  
**1202FE - 1210FE**  
**1202UFE - 1210UFE**

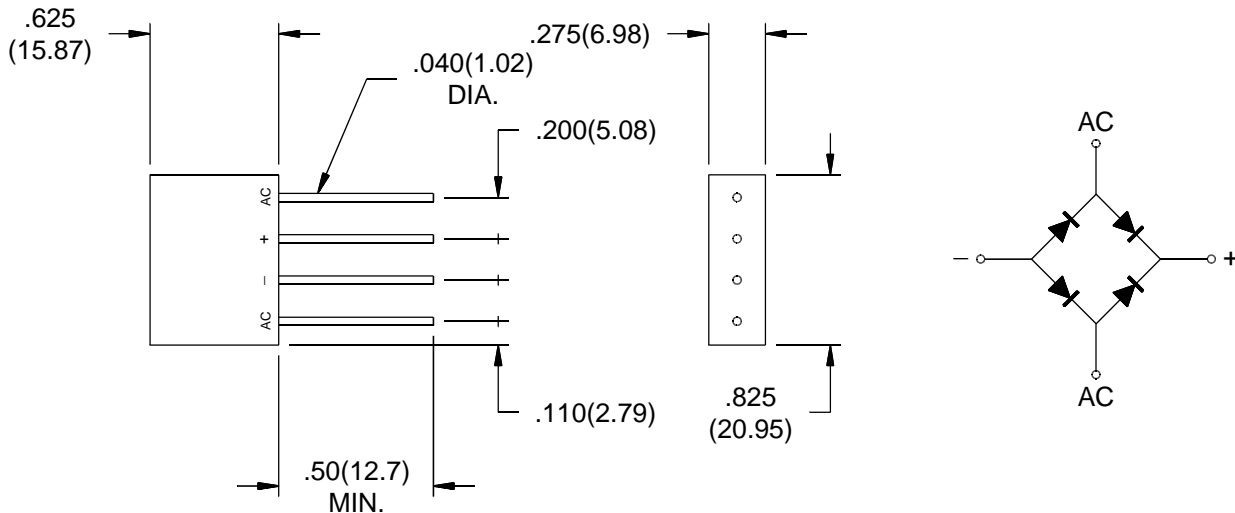


## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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	
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W
1202E 1206E 1210E	200 600 1000	3.0 3.0 3.0	1.8 1.8 1.8	1.0 1.0 1.0	25 25 25	1.1 1.1 1.1	3.0 3.0 3.0	150 150 150	25 25 25	3000 3000 3000	21 21 21
1202FE 1206FE 1210FE	200 600 1000	3.0 3.0 3.0	1.8 1.8 1.8	1.0 1.0 1.0	25 25 25	1.5 1.5 1.5	3.0 3.0 3.0	100 100 100	20 20 20	150 150 150	21 21 21
1202UFE 1206UFE 1210UFE	200 600 1000	3.0 3.0 3.0	1.8 1.8 1.8	1.0 1.0 1.0	25 25 25	1.7 1.7 1.7	3.0 3.0 3.0	100 100 100	20 20 20	70 70 70	21 21 21

(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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# 1202E - 1210E • 1202FE - 1210FE • 1202UFE - 1210UFE

