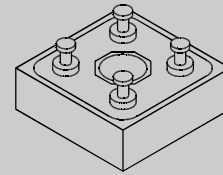


**200 V - 1,000 V Single Phase Bridge**  
**12.0 A Forward Current**  
**70 ns - 3000 ns Recovery Time**

**1402 - 1410**  
**1402F - 1410F**  
**1402UF - 1410UF**

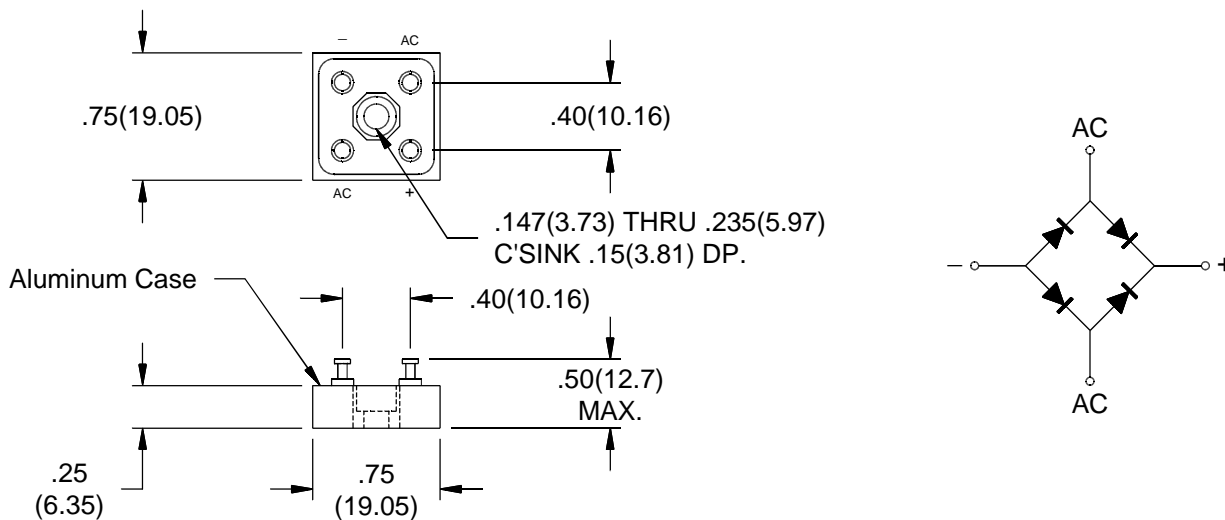


**ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS**

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
1402 1406 1410	200 600 1000	12.0 12.0 12.0	9.0 9.0 9.0	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	3.2 3.2 3.2
1402F 1406F 1410F	200 600 1000	12.0 12.0 12.0	9.0 9.0 9.0	1.0 1.0 1.0	25 25 25	1.2 1.5 1.5	3.0 3.0 3.0	100 100 100	20 20 20	150 150 150	3.2 3.2 3.2
1402UF 1406UF 1410UF	200 600 1000	12.0 12.0 12.0	9.0 9.0 9.0	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	3.2 3.2 3.2

(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. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 1500V

**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

# 1402 - 1410 • 1402F - 1410F • 1402UF - 1410UF

