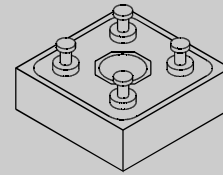


200 V - 1,000 V Single Phase Bridge
12.0 A Forward Current
70 ns - 3000 ns Recovery Time

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

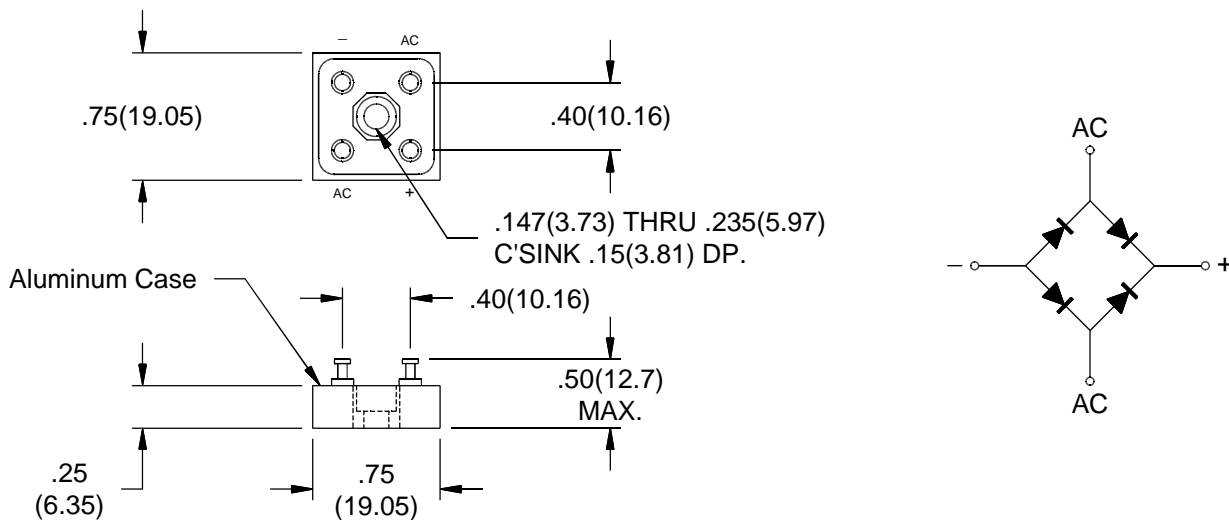


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rwm})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rwm} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current tp=8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (1) (T _{rr})	Thermal Impd. θ _{J-C}
		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_{rr} Testing: I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op. Temp. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 1500V

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



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

