

200 V - 1,000 V Single Phase Bridge

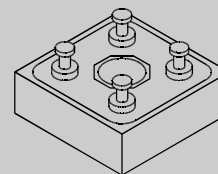
12.0 A Forward Current

70 ns - 3000 ns Recovery Time

1402 - 1410

1402F - 1410F

1402UF - 1410UF

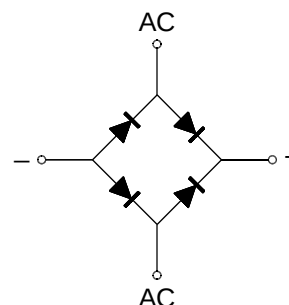
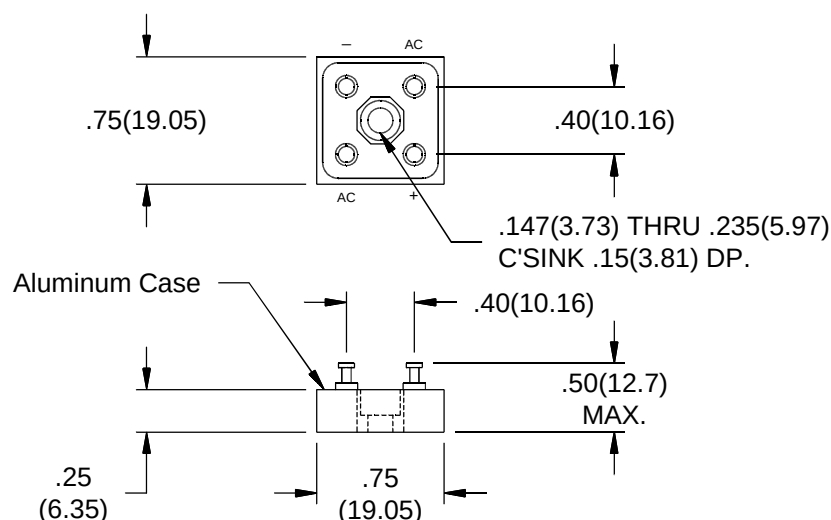


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current @TC		Reverse Current @ V _{rw} m		Forward Voltage		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}
	(V _{rw} m)	@TC (I _o)		(I _r)		(V _f)		(I _{fsm})	(I _{frm})	(T _{rr})	
	Volts	55°C Amps	100°C Amps	25°C μA	100°C μA	25°C Volts	Amps	25°C Amps	25°C Amps	25°C ns	°C/W
1402	200	12.0	9.0	1.0	25	1.1	3.0	150	25	3000	3.2
1406	600	12.0	9.0	1.0	25	1.1	3.0	150	25	3000	3.2
1410	1000	12.0	9.0	1.0	25	1.1	3.0	150	25	3000	3.2
1402F	200	12.0	9.0	1.0	25	1.2	3.0	100	20	150	3.2
1406F	600	12.0	9.0	1.0	25	1.5	3.0	100	20	150	3.2
1410F	1000	12.0	9.0	1.0	25	1.5	3.0	100	20	150	3.2
1402UF	200	12.0	9.0	1.0	25	1.7	3.0	100	20	70	3.2
1406UF	600	12.0	9.0	1.0	25	1.7	3.0	100	20	70	3.2
1410UF	1000	12.0	9.0	1.0	25	1.7	3.0	100	20	70	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

