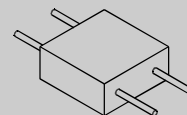


200 V - 1,000 V Single Phase Bridge

1.4 A - 1.5 A Forward Current

70 ns - 3000 ns Recovery Time

1102F - 1110F
1102FF - 1110FF
1102UFF - 1110UFF

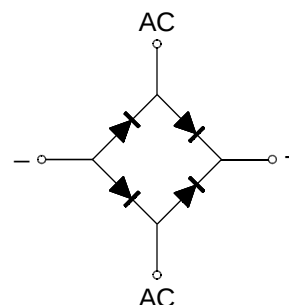
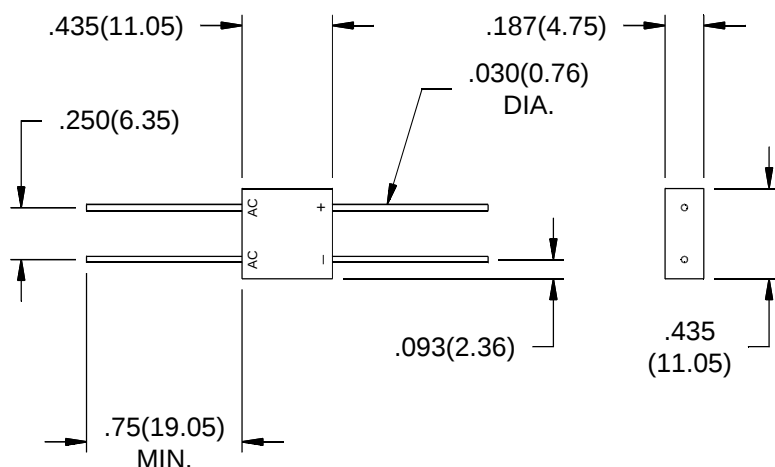


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rw} (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
1102F	200	1.5	1.0	1.0	25	1.1	1.0	50	10	3000	22.5
1106F	600	1.5	1.0	1.0	25	1.1	1.0	50	10	3000	22.5
1110F	1000	1.5	1.0	1.0	25	1.1	1.0	50	10	3000	22.5
1102FF	200	1.5	1.0	1.0	25	1.3	1.0	25	6.0	150	22.5
1106FF	600	1.5	1.0	1.0	25	1.3	1.0	25	6.0	150	22.5
1110FF	1000	1.5	1.0	1.0	25	1.3	1.0	25	6.0	150	22.5
1102UFF	200	1.4	0.9	1.0	25	1.7	1.0	25	5.0	70	22.5
1106UFF	600	1.4	0.9	1.0	25	1.7	1.0	25	5.0	70	22.5
1110UFF	1000	1.4	0.9	1.0	25	1.7	1.0	25	5.0	70	22.5

(1)T_{rr} Testing: I_f=0.5A, I_r=1.0A, I_{rr}=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

1102F - 1110F • 1102FF - 1110FF • 1102UFF - 1110UFF

