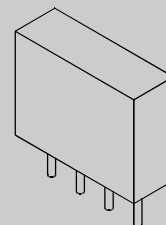


200 V - 1,000 V Single Phase Bridge

3.0 A Forward Current

70 ns - 3000 ns Recovery Time

1202D - 1210D
1202FD - 1210FD
1202UFD - 1210UFD

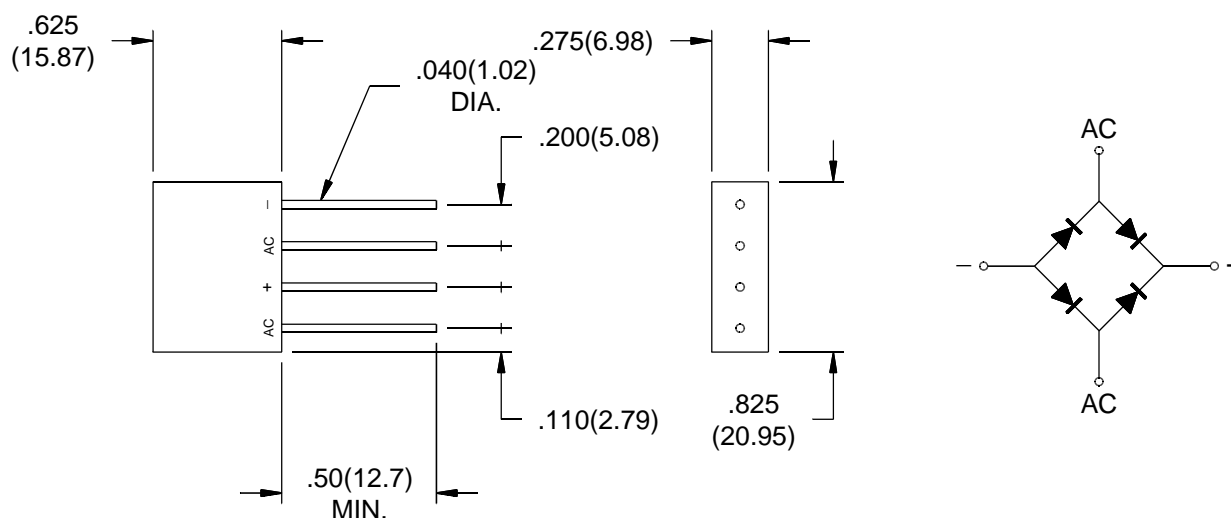


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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 t _p =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
1202D	200	3.0	1.8	1.0	25	1.1	3.0	150	25	3000	21
1206D	600	3.0	1.8	1.0	25	1.1	3.0	150	25	3000	21
1210D	1000	3.0	1.8	1.0	25	1.1	3.0	150	25	3000	21
1202FD	200	3.0	1.8	1.0	25	1.5	3.0	100	20	150	21
1206FD	600	3.0	1.8	1.0	25	1.5	3.0	100	20	150	21
1210FD	1000	3.0	1.8	1.0	25	1.5	3.0	100	20	150	21
1202UFD	200	3.0	1.8	1.0	25	1.7	3.0	100	20	70	21
1206UFD	600	3.0	1.8	1.0	25	1.7	3.0	100	20	70	21
1210UFD	1000	3.0	1.8	1.0	25	1.7	3.0	100	20	70	21

(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

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



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1202D - 1210D • 1202FD - 1210FD • 1202UFD - 1210UFD

