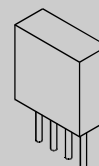


200 V - 1,000 V Single Phase Bridge

1.4 A - 1.5 A Forward Current

70 ns - 3000 ns Recovery Time

1102E - 1110E
1102FE - 1110FE
1102UFE - 1110UFE

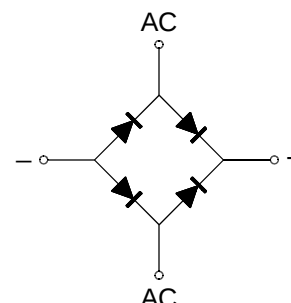
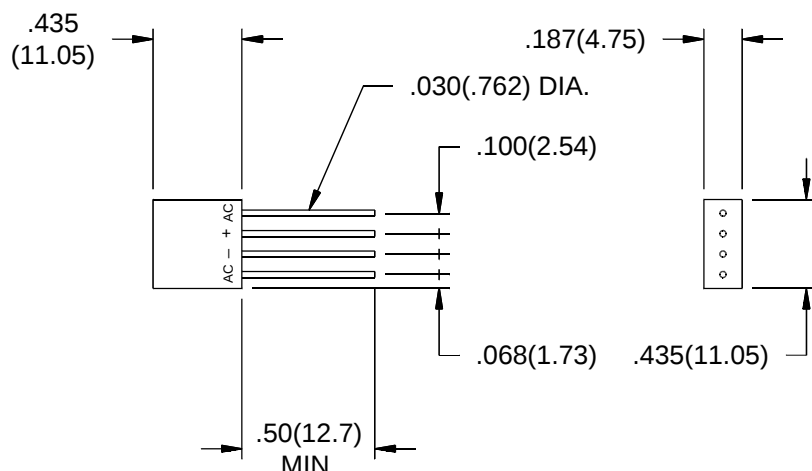


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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

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



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1102E - 1110E • 1102FE - 1110FE • 1102UFE - 1110UFE

