

# 200 V - 1,000 V Three Phase Bridge

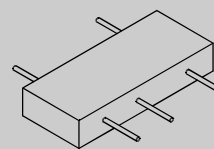
2.0 A Forward Current

70 ns - 3000 ns Recovery Time

3102 - 3110

3102F - 3110F

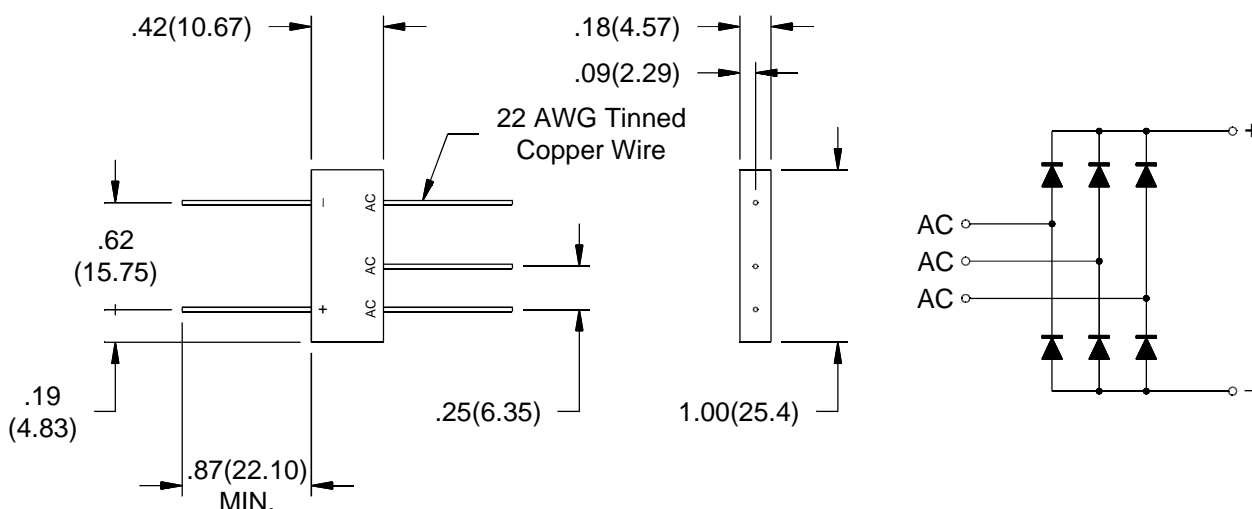
3102UF - 3110UF



## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current @TC (Io)		Reverse Current @ V <sub>rw</sub> m (I <sub>r</sub> )		Forward Voltage (V <sub>f</sub> )		1 Cycle Surge Current tp=8.3ms (I <sub>fsm</sub> )	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (1) (T <sub>rr</sub> )	Thermal Impd. θ <sub>J-C</sub>
	(V <sub>rw</sub> m)	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
3102	200	2.0	1.2	1.0	25	1.1	1.0	30	10	3000	22.0
3106	600	2.0	1.2	1.0	25	1.1	1.0	30	10	3000	22.0
3110	1000	2.0	1.2	1.0	25	1.1	1.0	30	10	3000	22.0
3102F	200	2.0	1.2	1.0	25	1.3	1.0	25	6	150	22.0
3106F	600	2.0	1.2	1.0	25	1.3	1.0	25	6	150	22.0
3110F	1000	2.0	1.2	1.0	25	1.3	1.0	25	6	150	22.0
3102UF	200	2.0	1.2	1.0	25	1.7	1.0	25	5	70	22.0
3106UF	600	2.0	1.2	1.0	25	1.7	1.0	25	5	70	22.0
3110UF	1000	2.0	1.2	1.0	25	1.7	1.0	25	5	70	22.0

(1)T<sub>rr</sub> Testing: I<sub>f</sub>=0.5A, I<sub>r</sub>=1.0A, I<sub>rr</sub>=0.25A \*Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C



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



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