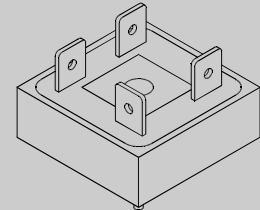


# 200 V - 1,000 V Single Phase Bridge

22.0 A - 25.0 A Forward Current

70 ns - 3000 ns Recovery Time

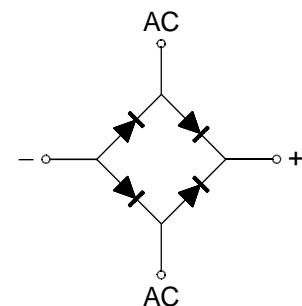
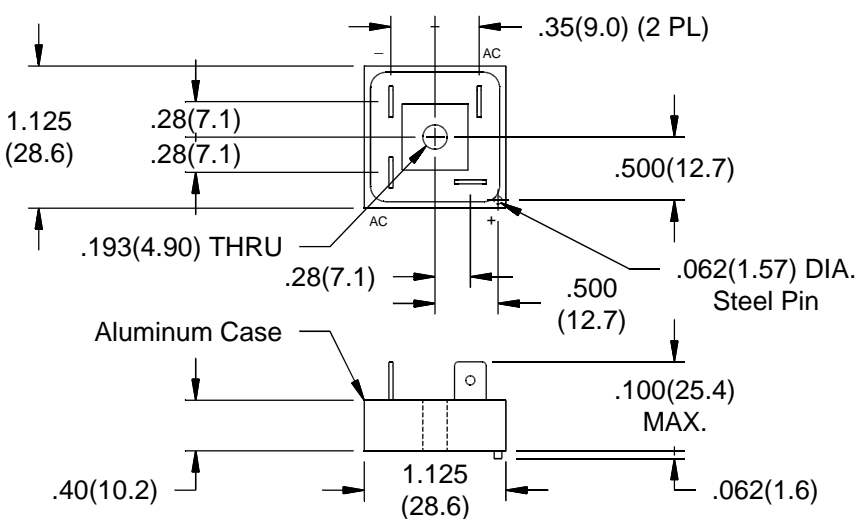
**1502A - 1510A**  
**1502FA - 1510FA**  
**1502UFA - 1510UFA**



## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V <sub>rw</sub> ) Volts	Average Rectified Current @TC (I <sub>o</sub> )		Reverse Current @ V <sub>rw</sub> (I <sub>r</sub> )		Forward Voltage (V <sub>f</sub> )		1 Cycle Surge Current t <sub>p</sub> =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>
		55°C	100°C	25°C	100°C	25°C	Amps	25°C	25°C	25°C	°C/W
		Amps	Amps	µA	µA	Volts		Amps	Amps	ns	
1502A 1506A 1510A	200 600 1000	25.0 25.0 25.0	18.0 18.0 18.0	1.0 1.0 1.0	25 25 25	1.1 1.1 1.1	3.0 3.0 3.0	150 150 150	25 25 25	3000 3000 3000	2.0 2.0 2.0
1502FA 1506FA 1510FA	200 600 1000	25.0 25.0 25.0	18.0 18.0 18.0	1.0 1.0 1.0	25 25 25	1.2 1.5 1.5	3.0 3.0 3.0	150 150 150	25 25 25	150 150 150	2.0 2.0 2.0
1502UFA 1506UFA 1510UFA	200 600 1000	22.0 22.0 22.0	13.0 13.0 13.0	1.0 1.0 1.0	25 25 25	1.7 1.7 1.7	3.0 3.0 3.0	150 150 150	25 25 25	70 70 70	2.0 2.0 2.0

(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. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 2000V



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



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# 1502A - 1510A • 1502FA - 1510FA • 1502UFA - 1510UFA

