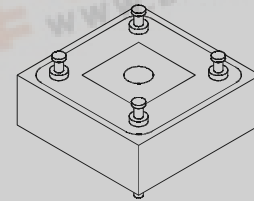


200 V - 1,000 V Single Phase Bridge
22.0 A - 25.0 A Forward Current
70 ns - 3000 ns Recovery Time

1502B - 1510B
1502FB - 1510FB
1502UFB - 1510UFB

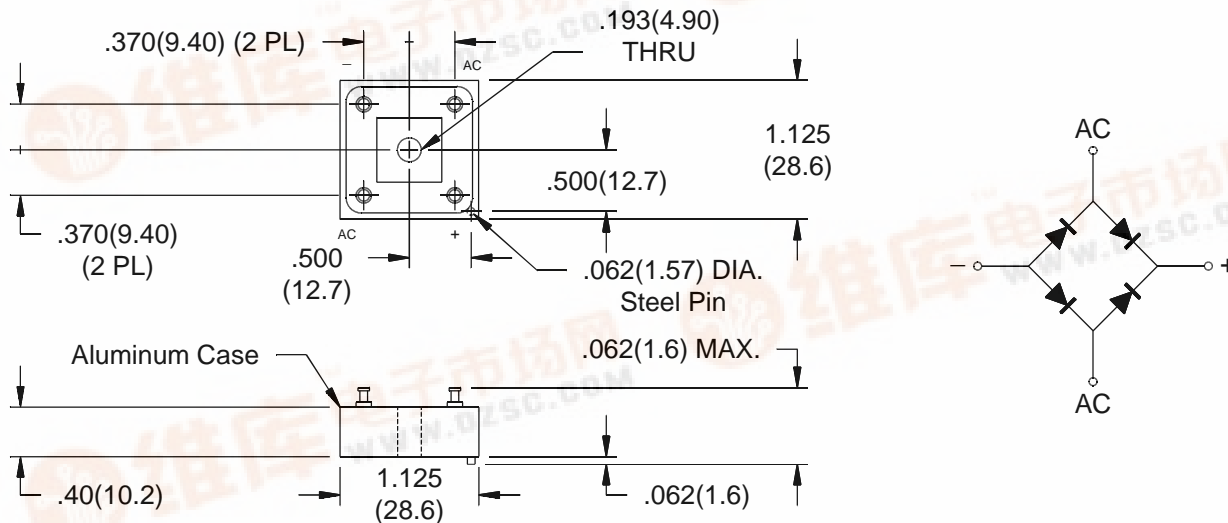


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (Vrwm) Volts	Average Rectified Current @TC (Io) Amps		Reverse Current @ Vrwm (Ir) µA		Forward Voltage (Vf) Volts		1 Cycle Surge Current tp=8.3ms (Ifsm) Amps	Repetitive Surge Current (Ifrm) Amps	Reverse Recovery Time (1) (Trr) ns	Thermal Impd. θJ-C °C/W
		55°C	100°C	25°C	100°C	25°C	Amps	25°C	25°C	25°C	°C/W
				µA	µA	Volts					
1502B	200	25.0	18.0	1.0	25	1.1	3.0	150	25	3000	2.0
1506B	600	25.0	18.0	1.0	25	1.1	3.0	150	25	3000	2.0
1510B	1000	25.0	18.0	1.0	25	1.1	3.0	150	25	3000	2.0
1502FB	200	25.0	18.0	1.0	25	1.2	3.0	150	25	150	2.0
1506FB	600	25.0	18.0	1.0	25	1.5	3.0	150	25	150	2.0
1510FB	1000	25.0	18.0	1.0	25	1.5	3.0	150	25	150	2.0
1502UFB	200	22.0	13.0	1.0	25	1.7	3.0	150	25	70	2.0
1506UFB	600	22.0	13.0	1.0	25	1.7	3.0	150	25	70	2.0
1510UFB	1000	22.0	13.0	1.0	25	1.7	3.0	150	25	70	2.0

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=0.25A *Op. Temp. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 2000V

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

1502B - 1510B • 1502FB - 1510FB • 1502UFB - 1510UFB

