

200 V - 1,000 V Three Phase Bridge

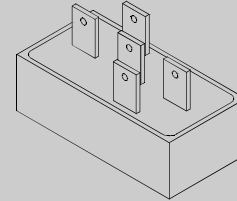
40.0 A - 60.0 A Forward Current

70 ns - 3000 ns Recovery Time

3502 - 3510

3502F - 3510F

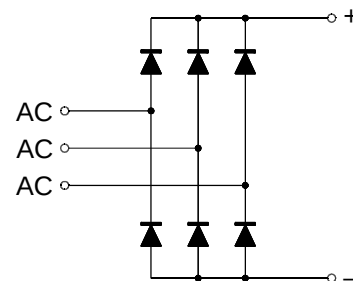
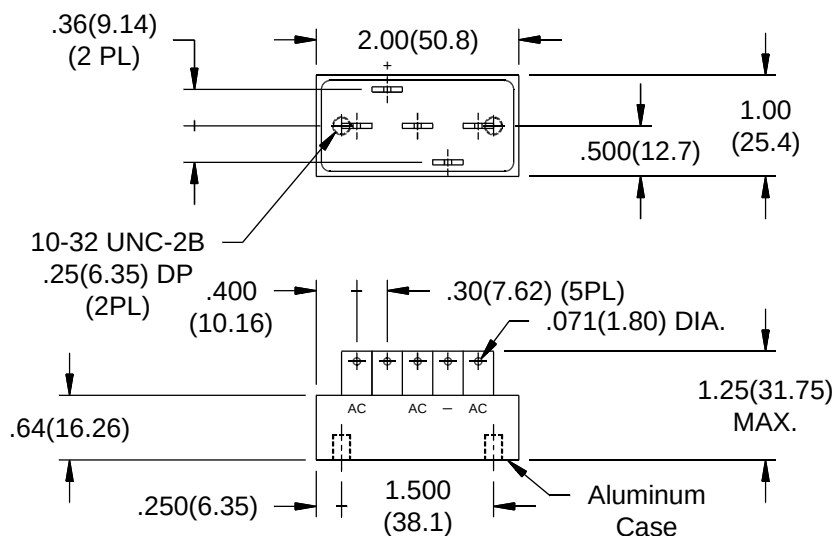
3502UF - 3510UF



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rw} m (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}
		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
3502	200	60.0	44.0	3.0	75	1.1	18.0	375	70	3000	0.5
3506	600	60.0	44.0	3.0	75	1.1	18.0	375	70	3000	0.5
3510	1000	60.0	44.0	3.0	75	1.2	18.0	375	70	3000	0.5
3502F	200	50.0	37.0	3.0	75	1.5	18.0	375	70	150	0.5
3506F	600	50.0	37.0	3.0	75	1.5	18.0	375	70	150	0.5
3510F	1000	50.0	37.0	3.0	75	1.8	18.0	375	70	150	0.5
3502UF	200	40.0	29.0	3.0	75	1.7	18.0	375	70	70	0.5
3506UF	600	40.0	29.0	3.0	75	1.7	18.0	375	70	70	0.5
3510UF	1000	40.0	29.0	3.0	75	2.1	18.0	375	70	70	0.5

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=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.



VOLTAGE MULTIPLIERS INC.
8711 W. Roosevelt Ave.
Visalia, CA 93291

TEL 559-651-1402
FAX 559-651-0740
www.voltagemultipliers.com

3502 - 3510 • 3502F - 3510F • 3502UF - 3510UF

