

# THREE PHASE FULL WAVE BRIDGES

## 70ns-3000ns Recovery • 9.0A - 20.0A

### ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V <sub>rwm</sub> )	Average Rectified Current @TC (I <sub>o</sub> )		Reverse Current @ V <sub>rwm</sub> (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. (J-C)
		55°C	100°C	25°C	100°C	25°C	25°C				
		Amps	Amps	µA	µA	Volts	Amps				
3302	200	10.0	7.0	3.0	75	1.1	3.0	100	25	3000	4.2
3306	600	10.0	7.0	3.0	75	1.1	3.0	100	25	3000	4.2
3310	1000	10.0	7.0	3.0	75	1.2	3.0	100	25	3000	4.2
3302F	200	10.0	7.0	3.0	75	1.2	3.0	100	20	150	4.2
3306F	600	10.0	7.0	3.0	75	1.5	3.0	100	20	150	4.2
3310F	1000	10.0	7.0	3.0	75	1.5	3.0	100	20	150	4.2
3302UF	200	9.0	6.5	3.0	75	1.7	3.0	100	20	70	4.2
3306UF	600	9.0	6.5	3.0	75	1.7	3.0	100	20	70	4.2
3310UF	1000	9.0	6.5	3.0	75	1.7	3.0	100	20	70	4.2
3402	200	20.0	13.0	3.0	60	1.2	9.0	150	25	3000	2.2
3406	600	20.0	13.0	3.0	60	1.2	9.0	150	25	3000	2.2
3410	1000	20.0	13.0	3.0	60	1.5	9.0	150	25	3000	2.2
3402F	200	20.0	12.5	3.0	60	1.5	9.0	100	20	150	2.2
3406F	600	20.0	12.5	3.0	60	1.5	9.0	100	20	150	2.2
3410F	1000	20.0	12.5	3.0	60	1.7	9.0	100	20	150	2.2
3402UF	200	18.0	12.0	3.0	60	2.0	9.0	100	20	70	2.2
3406UF	600	18.0	12.0	3.0	60	2.0	9.0	100	20	70	2.2
3410UF	1000	18.0	12.0	3.0	60	2.0	9.0	100	20	70	2.2

Notes:  
 (1) T<sub>rr</sub> measured on diodes prior to assembly.  
 I<sub>f</sub>=0.5A  
 I<sub>r</sub>=1.0A  
 I<sub>rr</sub>=0.25A

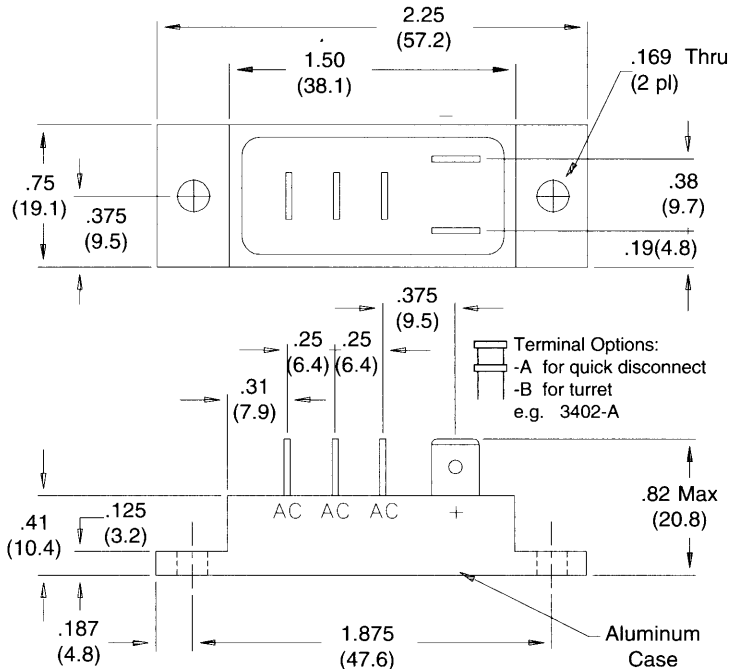
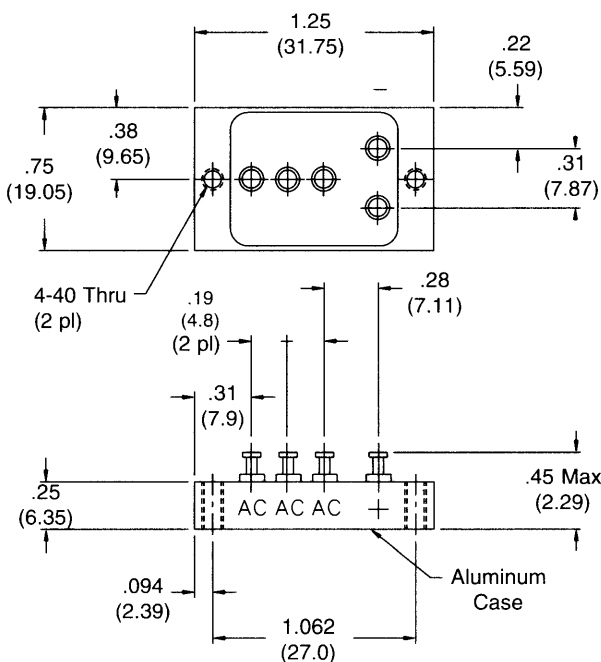
Operating and Storage Temperature  
 -55°C to +150°C

Contact our Applications Engineering Dept. about other custom design options including:

- Other cases or configurations.
- Additional screening and processing. See HRP102.
- Assemblies with JANTX or JANTXV discrete diodes.

### 3300 SERIES

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Tolerance: .XX ± .020, .XXX ± .010

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