

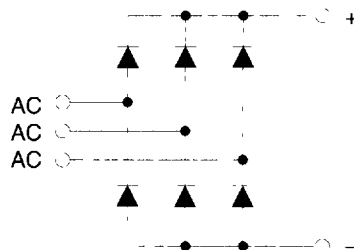
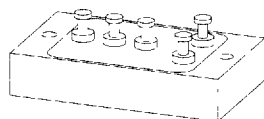
THREE PHASE BRIDGE FULL WAVE 70nS•150nS•3000nS RECOVERY

3302	3302F	3302UF
3304	3304F	3304UF
3306	3306F	3306UF
3308	3308F	3308UF
3310	3310F	3310UF

VOLTAGE MULTIPLIERS INC

$V_{RWM} = 200-1000V$
 $I_F = 9.0-10A$

Assemblies available with
JANTX or JANTXV
discrete diodes. Consult
sales office.



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage - (Vrwm)	Average Rectified Current - (Io)		Reverse Current @ VRWM - (Ir)		Forward Voltage - (Vf)		1 Cycle Surge Current tp=8.3mS (Ifsm)	Repetitive Surge Current - (Ifrm)	Reverse Recovery Time (1) (Trr)	Thermal Impedance (2) - (J-C)
	Volts	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	Nano Sec	
3302	200	10.0	7.0	3.0	75	1.1	3.0	100	25	3000	4.2
3304	400	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
3308	800	10.0	7.0	3.0	75	1.2	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
3300F	200	10.0	7.0	3.0	75	1.2	3.0	100	20	150	4.2
3304F	400	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
3308F	800	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
3304UF	400	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
3308UF	800	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

Notes:

(1) T_{rr} measured on diodes
prior to assembly.

I_F=0.5A, I_R=1.0A,

IRR=0.25A

(2) Operating Temperature

-65°C to +150°C

Storage Temperature

-65°C to +175°C

Isolation Voltage: 1500V(terminals to case)

Screening available.

(See Appendix D)

Contact our Applications
Engineering Dept. for
custom configurations.



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

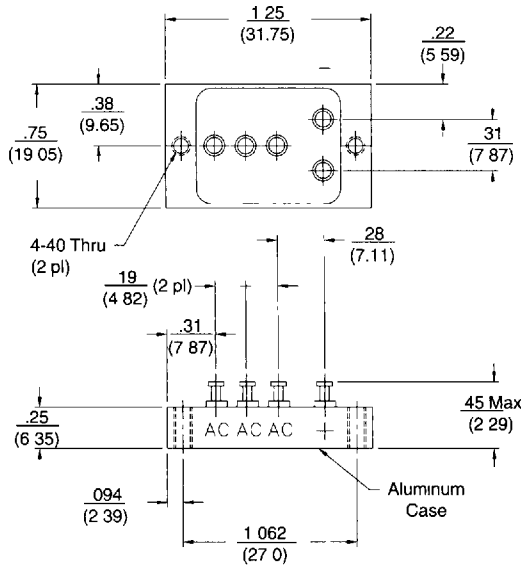
Tel. 209-651-1402
Telex 530484
Fax 209-651-0740

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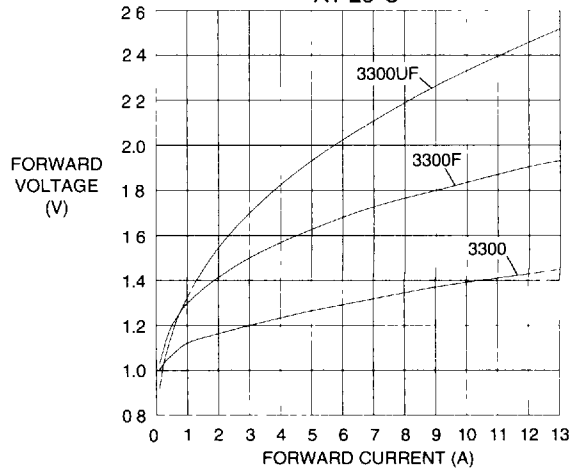
3302	3302F	3302UF
3304	3304F	3304UF
3306	3306F	3306UF
3308	3308F	3308UF
3310	3310F	3310UF

MECHANICAL
in.(mm)

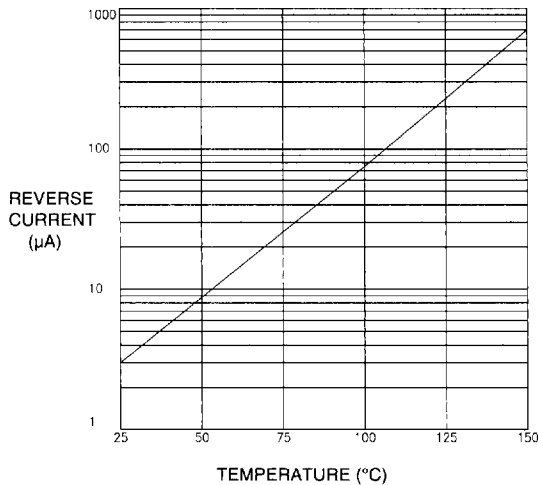
Tolerances XX ± .020
.XXX ± .010



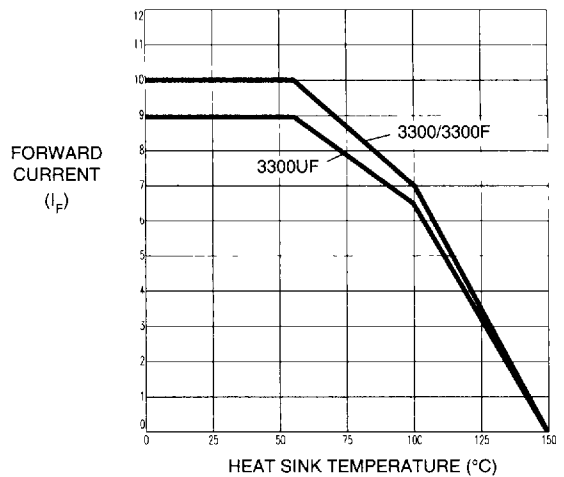
TYPICAL
FORWARD VOLTAGE VS.
FORWARD CURRENT
AT 25°C



TYPICAL
REVERSE CURRENT VS. TEMPERATURE
AT PIV



MAXIMUM
FORWARD CURRENT VS. HEAT SINK
TEMPERATURE



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