

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

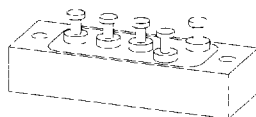
3202	3202F	3202UF
3204	3204F	3204UF
3206	3206F	3206UF
3208	3208F	3208UF
3210	3210F	3210UF

VOLTAGE MULTIPLIERS INC

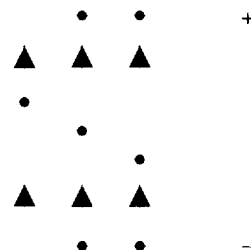
$$V_{RWM} = 200-1000V$$

$$I_F = 5.0A$$

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



AC
AC
AC



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage - (V _{rwm})	Average Rectified Current - (I _o)		Reverse Current @ V _{RWM} - (I _r)		Forward Voltage - (V _f)		1 Cycle Surge Current t _p =8.3mS (I _{fsm})	Repetitive Surge Current - (I _{frrm})	Reverse Recovery Time (1) (T _{rr})	Thermal Impedance (2) - (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	Nano Sec	°C/W
3202	200	5.0	3.0	3.0	75	1.3	3.0	30	10	3000	5.5
3204	400	5.0	3.0	3.0	75	1.3	3.0	30	10	3000	5.5
3206	600	5.0	3.0	3.0	75	1.3	3.0	30	10	3000	5.5
3208	800	5.0	3.0	3.0	75	1.3	3.0	30	10	3000	5.5
3210	1000	5.0	3.0	3.0	75	1.3	3.0	30	10	3000	5.5
3202F	200	5.0	3.0	3.0	75	1.6	3.0	25	6.0	150	5.5
3204F	400	5.0	3.0	3.0	75	1.6	3.0	25	6.0	150	5.5
3206F	600	5.0	3.0	3.0	75	1.6	3.0	25	6.0	150	5.5
3208F	800	5.0	3.0	3.0	75	1.6	3.0	25	6.0	150	5.5
3210F	1000	5.0	3.0	3.0	75	1.6	3.0	25	6.0	150	5.5
3202UF	200	4.0	2.5	3.0	75	2.0	3.0	25	5.0	70	5.5
3204UF	400	4.0	2.5	3.0	75	2.0	3.0	25	5.0	70	5.5
3206UF	600	4.0	2.5	3.0	75	2.0	3.0	25	5.0	70	5.5
3208UF	800	4.0	2.5	3.0	75	2.0	3.0	25	5.0	70	5.5
3210UF	1000	4.0	2.5	3.0	75	2.0	3.0	25	5.0	70	5.5

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

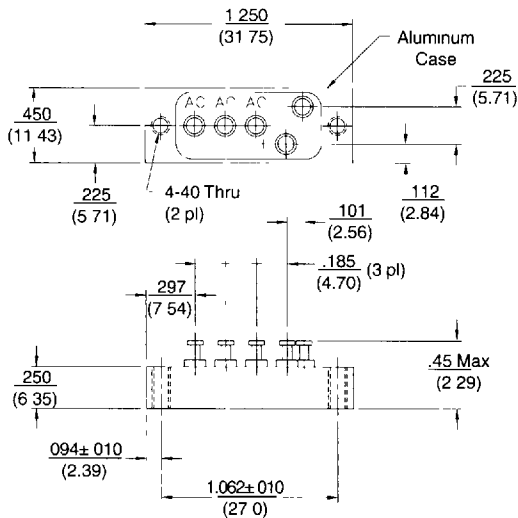
VOLTAGE MULTIPLIERS INC

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

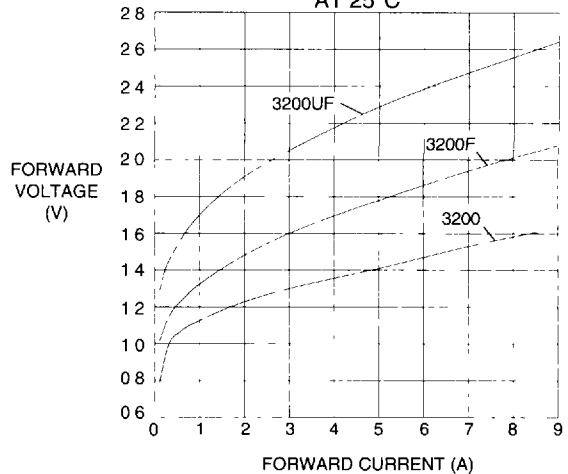
3202	3202F	3202UF
3204	3204F	3204UF
3206	3206F	3206UF
3208	3208F	3208UF
3210	3210F	3210UF

MECHANICAL
in.(mm)

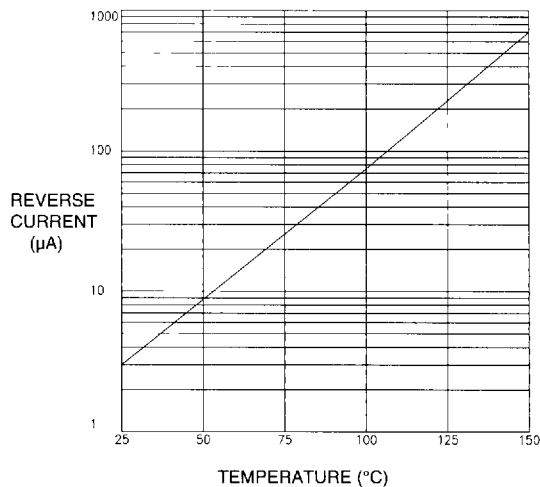
Tolerances, XXX ± .020



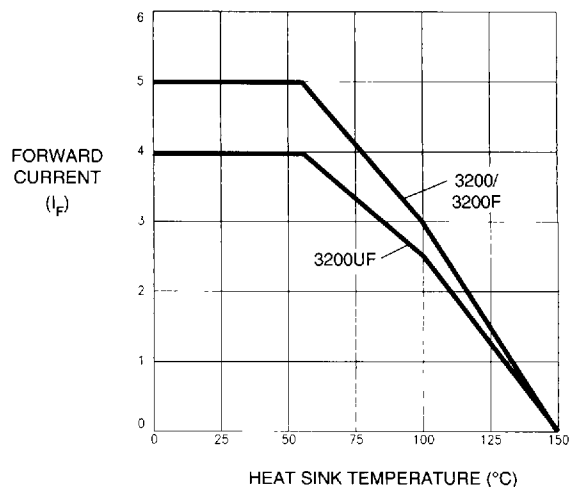
TYPICAL
FORWARD VOLTAGE VS.
FORWARD CURRENT
AT 25°C



TYPICAL
REVERSE CURRENT VS. TEMPERATURE
AT PIV



MAXIMUM
FORWARD CURRENT VS. HEAT SINK
TEMPERATURE



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

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