

SINGLE PHASE BRIDGE

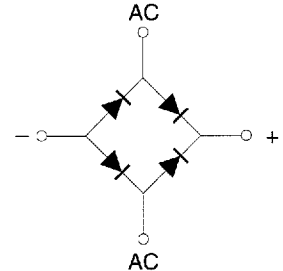
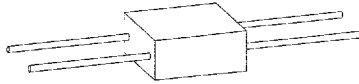
70nS•150nS•3000nS RECOVERY

1102F	1102FF	1102UFF
1104F	1104FF	1104UFF
1106F	1106FF	1106UFF
1108F	1108FF	1108UFF
1110F	1110FF	1110UFF

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

$$I_F = 1.4 - 1.5A$$

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



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rwm})	Average Rectified Current (I _o)		Reverse Current @ VRWM (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 Impedance (2) (J-C)
		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	
1102F	200	1.5	1.0	2.0	40	1.1	1.0	50	10	3000	22.5
1104F	400	1.5	1.0	2.0	40	1.1	1.0	50	10	3000	22.5
1106F	600	1.5	1.0	2.0	40	1.1	1.0	50	10	3000	22.5
1108F	800	1.5	1.0	2.0	40	1.1	1.0	50	10	3000	22.5
1110F	1000	1.5	1.0	2.0	40	1.1	1.0	50	10	3000	22.5
1102FF	200	1.5	1.0	2.0	40	1.3	1.0	25	6.0	150	22.5
1104FF	400	1.5	1.0	2.0	40	1.3	1.0	25	6.0	150	22.5
1106FF	600	1.5	1.0	2.0	40	1.3	1.0	25	6.0	150	22.5
1108FF	800	1.5	1.0	2.0	40	1.3	1.0	25	6.0	150	22.5
1110FF	1000	1.5	1.0	2.0	40	1.3	1.0	25	6.0	150	22.5
1102UFF	200	1.4	0.9	2.0	40	1.7	1.0	25	5.0	70	22.5
1104UFF	400	1.4	0.9	2.0	40	1.7	1.0	25	5.0	70	22.5
1106UFF	600	1.4	0.9	2.0	40	1.7	1.0	25	5.0	70	22.5
1108UFF	800	1.4	0.9	2.0	40	1.7	1.0	25	5.0	70	22.5
1110UFF	1000	1.4	0.9	2.0	40	1.7	1.0	25	5.0	70	22.5

- (1) T_{rr} tested on diodes prior to assembly @ I_F=0.5A, I_R=1.0A, I_{RR}=0.25A.
- (2) Operating Temperature: -65°C to +150°C.
Storage Temperature: -65°C to +175°C.
All ratings at 25°C unless otherwise specified.

Screening available
(See Appendix D)
Contact our Applications
Engineering Dept. for
custom configurations.



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

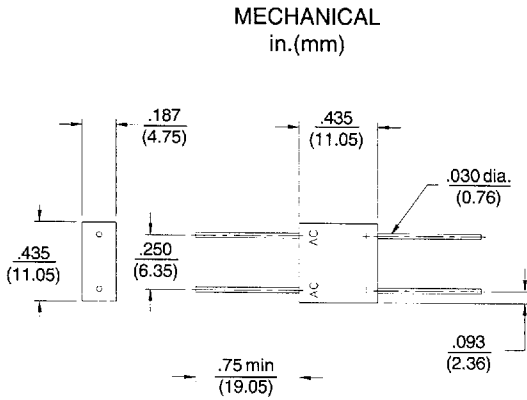
Tel. 209-651-1402

Fax 209-651-0740

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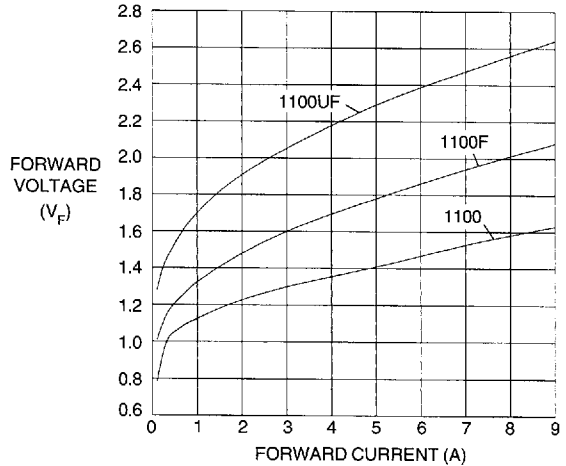
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1104F	1104FF	1104UFF
1106F	1106FF	1106UFF
1108F	1108FF	1108UFF
1110F	1110FF	1110UFF

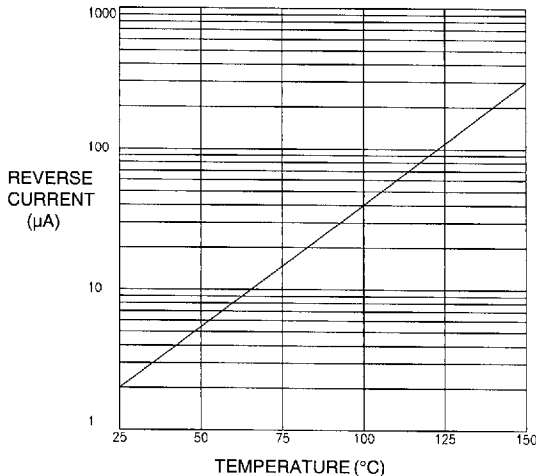


Tolerances: .XXX ± .010

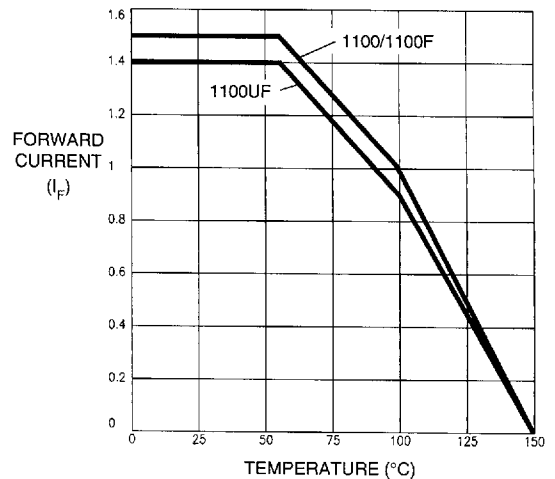
TYPICAL
FORWARD VOLTAGE VS.
FORWARD CURRENT
AT 25°C



TYPICAL
REVERSE CURRENT VS. TEMPERATURE
AT PIV



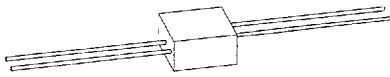
MAXIMUM
FORWARD CURRENT VS.
TEMPERATURE



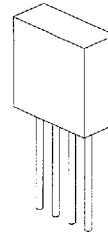
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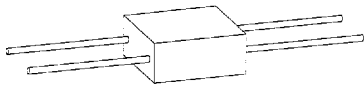
Fax 209-651-0740



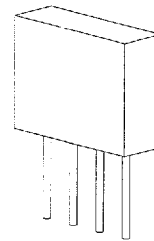
1100A



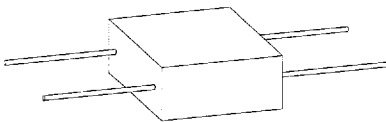
1100B



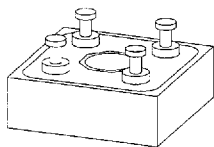
1100F



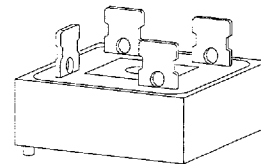
1200B



1200A



1300
& 1400



1500