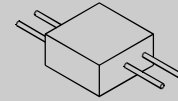


200 V - 1,000 V Single Phase Bridge

1.4 A - 1.5 A Forward Current
70 ns - 3000 ns Recovery Time

1102A - 1110A
1102FA - 1110FA
1102UFA - 1110UFA

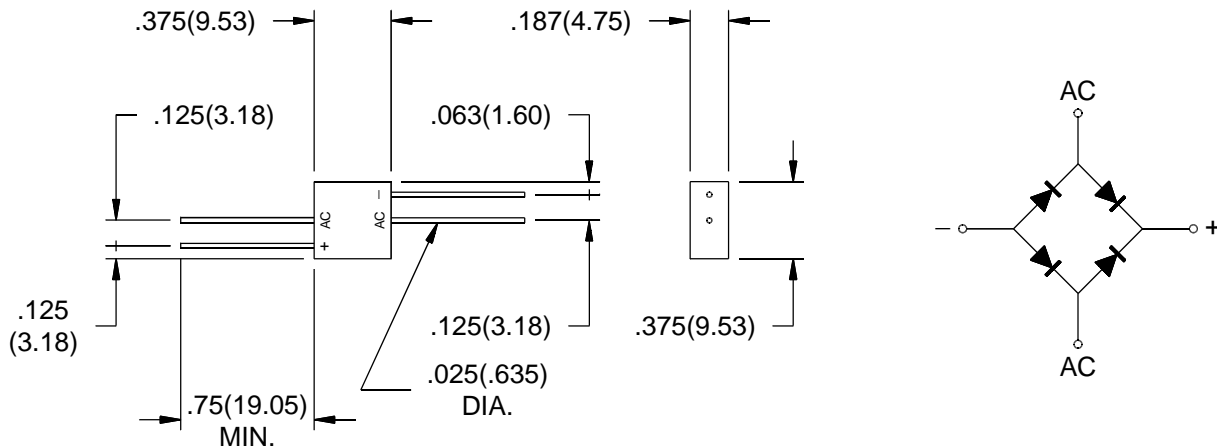


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

| Part Number | Working Reverse Voltage (V _{rwm}) | Average Rectified Current @TC (I _o) | | Reverse Current @ V _{rwm} (I _r) | | Forward Voltage (V _f) | | 1 Cycle Surge Current 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 |
| 1102A 1106A 1110A | 200 600 1000 | 1.5 1.5 1.5 | 1.0 1.0 1.0 | 1.0 1.0 1.0 | 25 25 25 | 1.1 1.1 1.1 | 1.0 1.0 1.0 | 50 50 50 | 10 10 10 | 3000 3000 3000 | 22.5 22.5 22.5 |
| 1102FA 1106FA 1110FA | 200 600 1000 | 1.5 1.5 1.5 | 1.0 1.0 1.0 | 1.0 1.0 1.0 | 25 25 25 | 1.3 1.3 1.3 | 1.0 1.0 1.0 | 25 25 25 | 6.0 6.0 6.0 | 150 150 150 | 22.5 22.5 22.5 |
| 1102UFA 1106UFA 1110UFA | 200 600 1000 | 1.4 1.4 1.4 | 0.9 0.9 0.9 | 1.0 1.0 1.0 | 25 25 25 | 1.7 1.7 1.7 | 1.0 1.0 1.0 | 25 25 25 | 5.0 5.0 5.0 | 70 70 70 | 22.5 22.5 22.5 |

(1)T_{rr} Testing: I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C

10



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

1102A - 1110A • 1102FA - 1110FA • 1102UFA - 1110UFA

