

Omnephase

AC Phase Control

Specifications

Electrical

Phase Control

- Low hysteresis effect.
- Full wave control.

Input

- 120 or 240 VAC RMS.
- Frequency: 50/60 cycles.

Output

- Triac output — full wave.
- Rating: 6, 10, and 15 amps.
- Power capacity to 3000 watts.
- Hysteresis: 15% typical.
- Forward Voltage Drop: 1.5 volts.
- Leakage Current: 1.5 milliamperes.
- Off State Voltage: 400 volts.
- Peak Surge on State Current: 150 amps for 1 cycle @ 60 Hertz.

Protection

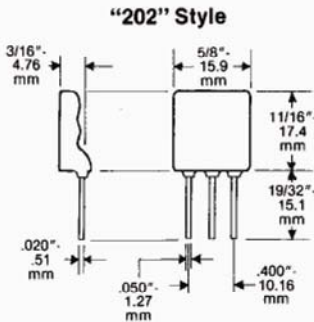
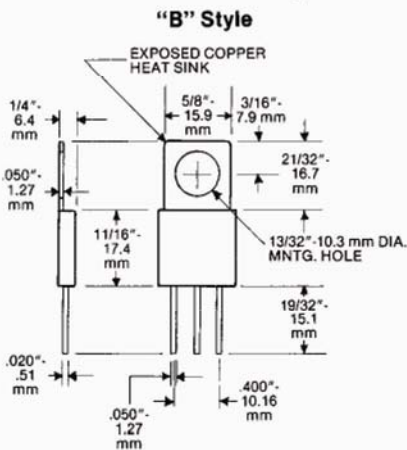
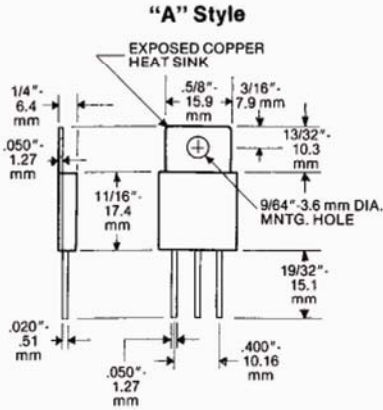
- Dielectric Insulation: lead to tab — 1500 volts RMS.

Physical

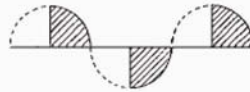
- Mounting:
 "A" Style — 9/64" hole for #6 screw.
 "B" style — 13/32" hole for potentiometer.
- Termination — three 19/32" leads.
- Weight: 10 grams.

Environmental

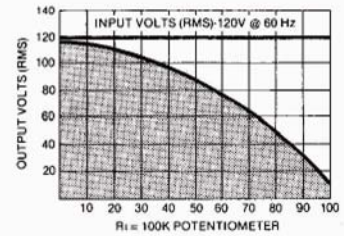
- Operating Temperature: measured at tab:
 - 20°C to + 95°C max.
- Storage Temperature: - 40°C to + 125°C max.
- Humidity: 95% relative.



Typical Output V/S External Potentiometer



Typical Output Wave Form



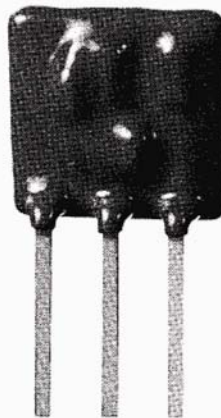
Part Number

Series	Rating
202	2 AMPS 120 VAC
204	1 AMP 250 VAC
602	6 AMPS 120 VAC
604	6 AMPS 240 VAC
1002	10 AMPS 120 VAC
1004	10 AMPS 240 VAC
1502	15 AMPS 120 VAC
1504	15 AMPS 240 VAC

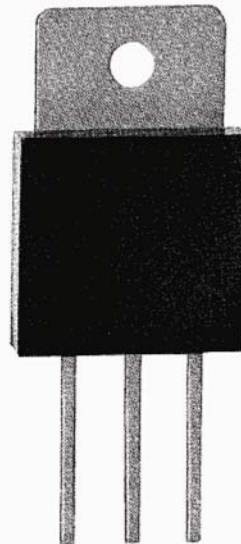
Mounting*

- "A" — 9/64" hole for #6 screw
- "B" — 13/64" hole for potentiometer

*Series 202 has no suffix



"202" Style



"B" Style



"A" Style