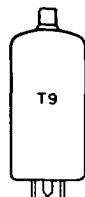
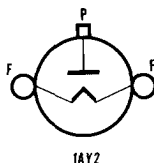


- (3) Terminals 4 and 10 may be used as tie points for components at or near filament potential.

X-RADIATION WARNING: The high voltages associated with this tube type result in the production of X-radiation which may constitute a health hazard on prolonged exposure at close range unless the tube is adequately shielded. Precautions must be exercised during the servicing of equipment to assure that all shielding components are replaced to their intended positions before the equipment is operated.

1AY2**HIGH VOLTAGE RECTIFIER****Filamentary Diode**

Construction T-9
 Base Button 2 Pin, E2-92
 Top Cap Small, C1-34
 Basing.....Special 2 Pin
 Outline
 Maximum Diameter 1.188 In.
 Maximum Seated Height 2.680 In.
 Maximum Overall Height 3.060 In.

**ELECTRICAL DATA****FILAMENT OPERATION**

Filament Voltage⁽¹⁾ 1.25 Volts
 Filament Current 200 Ma

DIRECT INTERELECTRODE CAPACITANCES

Plate to Filament 1.4 Pf

RATINGS (Design Maximum Rating System)**Pulse Rectifier Service⁽²⁾**

Peak Inverse Plate Voltage (Max.) 26,000 Volts
 Peak Plate Current (Max.) 50 Ma
 Average Plate Current (Max.) 0.5 Ma

CHARACTERISTICS AND TYPICAL OPERATION

Tube Voltage Drop for Ib = 7 Ma 75 Volts

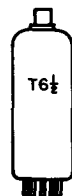
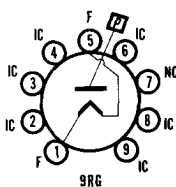
NOTES:

- (1) Under no circumstances should voltage fall below 1.05 volts or exceed 1.45 volts.
- (2) For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations; Federal Communications Commission," the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.

X-RADIATION WARNING: The high voltages associated with this tube type result in the production of X-radiation which may constitute a health hazard on prolonged exposure at close range unless the tube is adequately shielded. Precautions must be exercised during the servicing of equipment to assure that all shielding components are replaced to their intended positions before the equipment is operated.

1BC2**HIGH VOLTAGE RECTIFIER****Filamentary Diode**

Construction Miniature T-6½
 Base Small Button 9 Pin, E9-1
 Top Cap C1-45
 Basing⁽¹⁾ 9RG
 Outline
 Maximum Diameter 0.875 In.
 Maximum Seated Height 2.250 In.
 Maximum Overall Height 2.531 In.



ELECTRICAL DATA**FILAMENT OPERATION**

Filament Voltage ⁽¹⁾	1.25 Volts
Filament Current	200 Ma

DIRECT INTERELECTRODE CAPACITANCES

Plate to Filament	1.0 Pf
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RATINGS (Design Maximum Rating System)**Pulse Rectifier Service⁽²⁾**

Peak Inverse Plate Voltage (Max.)	15,000 Volts
Peak Plate Current (Max.)	45 Ma
Average Plate Current (Max.)	0.5 Ma

CHARACTERISTICS AND TYPICAL OPERATION

Tube Voltage Drop for Ib = 7 Ma	80 Volts
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NOTES:

- (1) Under no circumstances should voltage fall below 1.05 volts or exceed 1.45 volts.
- (2) For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations; Federal Communications Commission," the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.
- (3) Pin No. 7 may be used as tie-point for filament resistor or tied directly to filament. Do not connect to any other circuit.

X-RADIATION WARNING: The high voltages associated with this tube type result in the production of X-radiation which may constitute a health hazard on prolonged exposure at close range unless the tube is adequately shielded. Precautions must be exercised during the servicing of equipment to assure that all shielding components are replaced to their intended positions before the equipment is operated.

HIGH VOLTAGE RECTIFIER**1BH2****Filamentary Diode**

Construction Miniature T-6½

Base Small Button 9 Pin, E9-99
With Solder Lugs on Pins 1 and 5

Top Cap C1-45

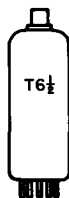
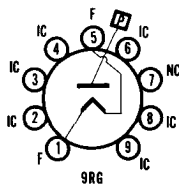
Basing 9RG

Outline

Maximum Diameter 0.875 In.

Maximum Seated Height 2.250 In.

Maximum Overall Height 2.716 In.

**ELECTRICAL DATA****FILAMENT OPERATION**

Filament Voltage ⁽¹⁾	1.25 Volts
Filament Current	200 Ma

DIRECT INTERELECTRODE CAPACITANCES

Plate to Filament	1.0 Pf
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RATINGS (Design Maximum Rating System)**Pulse Rectifier Service⁽²⁾**

Peak Inverse Plate Voltage (Max.)	18,000 Volts
Peak Plate Current (Max.)	45 Ma
Average Plate Current (Max.)	0.5 Ma

CHARACTERISTICS AND TYPICAL OPERATION

Tube Voltage Drop for Ib = 7 Ma	80 Volts
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NOTES:

- (1) Under no circumstances should voltage fall below 1.05 volts or exceed 1.45 volts.
- (2) For operation in a 525-line, 30-frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations; Federal Communications Commission," the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.

X-RADIATION WARNING: The high voltages associated with this tube type result in the production of X-radiation which may constitute a health hazard on prolonged exposure at close range unless the tube is adequately shielded. Precautions must be exercised during the servicing of equipment to assure that all shielding components are replaced to their intended positions before the equipment is operated.