

MECHANICAL DATA

Bulb	T-6½
Base	E9-1, Small Button 9-Pin
Cap	C1-33, Skirted Miniature
Outline	See Drawing
Basing	9DT
Cathode	Coated Unipotential
Mounting Position	Any

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage, AC	3.15 Volts
Heater Current	220 Ma

DIRECT INTERELECTRODE CAPACITANCES (Approx.)

Plate to Heater, Cathode and Internal Shield	1.0 μ f
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RATINGS (Design Center Values)

Pulsed Rectifier Service¹	
Peak Inverse Plate Voltage	18000 Volts Max.
Peak Plate Current	80 Ma Max.
Average Plate Current	1.5 Ma Max.

NOTES:

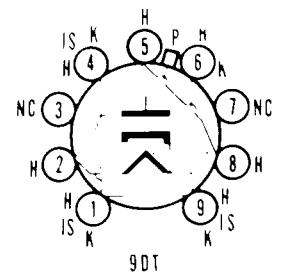
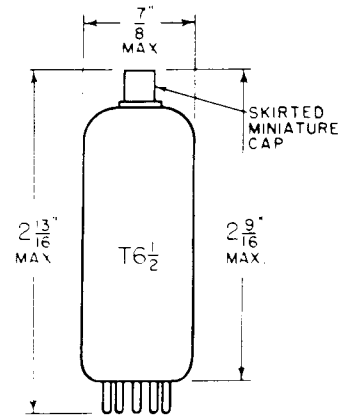
1. For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations: Federal Communications Commission", the duty cycle of the voltage pulse must not exceed 15% of one horizontal scanning cycle.

WARNING:

X-ray radiation shielding may be necessary to protect against possible danger of personal injury from prolonged exposure at close range if this tube is operated at higher than the manufacturer's Maximum Rated Anode Voltage or 16,000 volts, whichever is less.

QUICK REFERENCE DATA

The Sylvania Type 3A2 is a miniature, half-wave rectifier employing an indirectly heated cathode. It is designed for use as a high voltage rectifier in television receivers.



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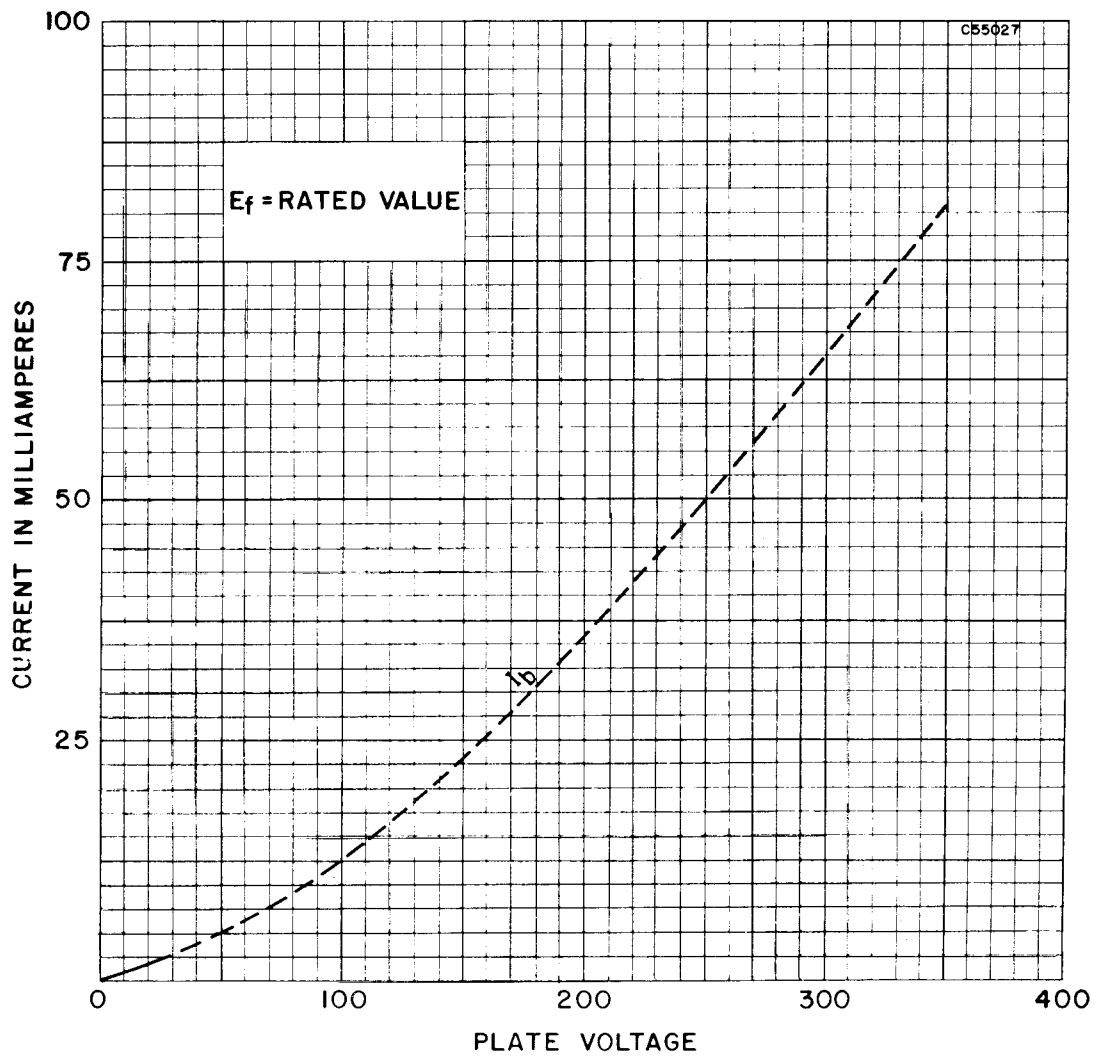
**RADIO TUBE DIVISION
EMPORIUM, PA.**

*Prepared and Released By The
TECHNICAL PUBLICATIONS SECTION
EMPORIUM, PENNSYLVANIA*

APRIL 1955

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AVERAGE PLATE CHARACTERISTICS



MECHANICAL DATA

Bulb	T-9
Base	B6-8, Intermediate Shell Octal, 6-Pin
Top Cap	C1-1, Small
Outline	See Drawing
Basing	4AC
Cathode	Coated Unipotential
Mounting Position	Any

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage, AC	3.15 Volts
Heater Current	220 Ma

DIRECT INTERELECTRODE CAPACITANCES (Approx.)

Plate to Heater, Cathode and Internal Shield	1.5 μ f
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RATINGS (Design Center Values)

Pulsed Rectifier Service¹	
Peak Inverse Plate Voltage	30000 Volts Max.
Peak Plate Current	80 Ma Max.
Average Plate Current	15 Ma Max.

NOTES:

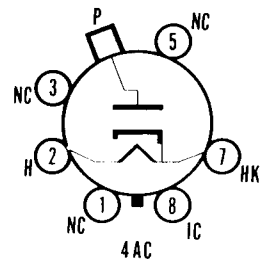
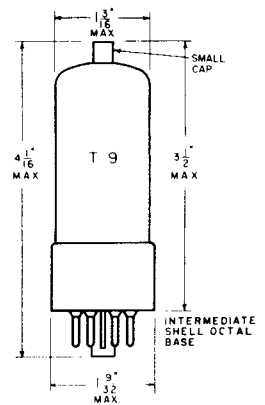
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WARNING:

X-ray radiation shielding may be necessary to protect against possible danger of personal injury from prolonged exposure at close range if this tube is operated at higher than the manufacturer's Maximum Rated Anode Voltage or 16,000 volts, whichever is less.

QUICK REFERENCE DATA

The Sylvania Type 3A3 is a half-wave, high voltage rectifier contained in a T-9 envelope. It is designed for application as a high voltage rectifier in television receivers.



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AVERAGE PLATE CHARACTERISTICS

