

MECHANICAL DATA

Bulb	T-6 $\frac{1}{2}$
Base	E9-1, Miniature Button 9-Pin
Outline	6-2
Cathode	Coated Filament
Mounting Position	Any
Basing ¹	9U
Pin - 1	- Plate
Pin - 2	- Internal Connection
Pin - 3	- Internal Connection
Pin - 4	- Filament
Pin - 5	- Filament
Pin - 6	- Internal Connection
Pin - 7	- Internal Connection
Pin - 8	- Internal Connection
Pin - 9	- Plate

ELECTRICAL DATA

FILAMENT CHARACTERISTICS

Filament Voltage ²	1.8 Volts
Filament Current	300 Ma

DIRECT INTERELECTRODE CAPACITANCE (Unshielded)

Plate to Filament (Approx.)	0.8 pf
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RATINGS (Design Maximum Values)

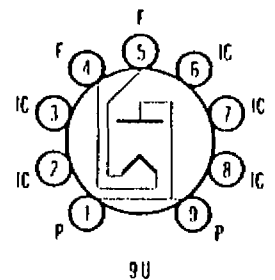
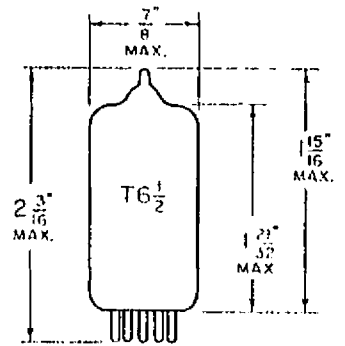
Flyback Voltage Rectifier ³	
Inverse Plate Voltage	
Total DC and Peak (Abs. Max.)	8250 Volts Max.
DC	7000 Volts Max.
Peak Plate Current	50 Ma Max.
Average Plate Current	0.6 Ma Max.

CHARACTERISTICS

Tube Drop for I _b = 6.5 Ma (Approx.)	55 Volts
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QUICK REFERENCE DATA

The Sylvania Type 2PA2 is a filamentary half-wave diode intended for service as a focus rectifier in color television receivers.



SYLVANIA ELECTRIC PRODUCTS INC.

Electronic Components Group
ELECTRONIC TUBE DIVISION
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A Technical Publication

October 7, 1964
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NOTES:

1. Socket terminals 2, 3, 7, and 8 shall not be used. Terminal 6 may be used as a tie point for components at or near filament potential.
2. Under no circumstances should the filament voltage be less than 1.5 volts or more than 2.1 volts.
3. 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 scanning cycle.