



engineering data service

MECHANICAL DATA

Bulb															T-12
Base					B8	3-7	ι, 9	Sho	rt	Jun	nbo	Sh	ell	l Octal	, 8-Pin
Top Cap														C1-1.	, Small
Outline.														See Di	rawing
Basing .															
Cathode											Co	ate	ed	Unipo	tential
Mounting															

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage,	ΑC								3.15 Volts
II C									220 M a

DIRECT INTERELECTRODE CAPACITANCES (Approx.)

RATINGS (Design Center Values — Except as Noted)

Pulsed Rectifier Service¹

Total DC and		.k, .	Abs	s. N	1 ax					35000	Volts	
DC										25000	Volts	Max.
Peak Plate Current										80	Ma	Max.
Average Plate Curi	rent									1.1	Ma	Max.

CHARACTERISTICS

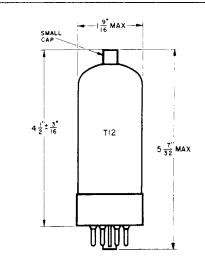
Tube Drop with DC							
Plate Current of 7 Ma.						. 135	Volts

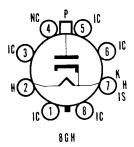
NOTES:

- 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".
- 2. Pins 1, 3, 5 and 7 may be connected together. Pins 2, 6 and 8 may be connected together. Pin 4 may be connected to either pin 2 or pin 7, or may be used as a tie point for a heater dropping resistor. Do not use pin 4 as a low potential tie point.

QUICK REFERENCE DATA

The Sylvania Type 3B2 is a half-wave, high voltage rectifier contained in a T-12 envelope. It is designed for application as a high voltage rectifier in color television receivers.





(NOTE 2)

SYLVANIA ELECTRIC PRODUCTS INC.

RADIO TUBE DIVISION EMPORIUM, PA.

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AVERAGE PLATE CHARACTERISTICS

