

SYLVANIA ELECTRIC PRODUCTS INC.

Technical Data

**TYPE 28Z5
Full Wave Rectifier**

Physical Specifications:

Coated Unipotential Cathode

Base

Bulb

Maximum Diameter

Maximum Overall Length

Maximum Seated Height

Pin Connections:

Pin 1 = Heater

Pin 2 = No connection

Pin 3 = Plate #2

Pin 4 = Heater Center tap

Pin 5 = No connection

Pin 6 = Plate #1

Pin 7 = Cathode

Pin 8 = Heater

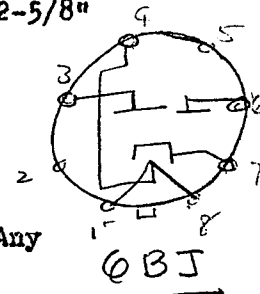
Locking In 8-pin

T-9

1-3/16"

3-5/32"

2-5/8"



Mounting Position:

Ratings:

Heater Voltage	28.0	Volts
Heater Current	0.240	Ampere
Maximum AC Plate Voltage (RMS) Condenser Input	325	Volts
Maximum AC Plate Voltage (RMS) Choke Input	450	Volts
Maximum Peak Inverse Voltage	1250	Volts
Maximum DC Heater to Cathode Potential	450	Volts
Maximum Steady-State Peak Plate Current Per Plate	300	Ma.
Tube Voltage Drop: Measured with applied DC at 100 ma. per plate.	40	Volts

Typical Operating Conditions: Full Wave Rectifier

Condenser Input to Filter:

Heater Voltage	28.0	Volts
AC Plate voltage per Plate (RMS)	325	Volts
DC Output Current	100	Ma.
Total Effective Plate Supply Impedance per plate‡	75	Ohms

Choke Input to Filter:

Heater Voltage	28.0	Volts
AC Plate Voltage per Plate (RMS)	450	Volts
DC Output Current	100	Ma.
Minimum Value of Input Choke	6	Henrys

‡ When filter condenser larger than 40 mfd's are used, it may be necessary to add additional plate supply impedance.

GFK:dd
9-24-42