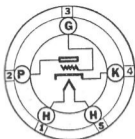


Sylvania

TYPE 56AS

(FOR MAJESTIC SETS)

DETECTOR AMPLIFIER



CHARACTERISTICS

Heater Voltage AC or DC	6.3 Volts
Heater Current	0.4 Ampere

Direct Interelectrode Capacitances:

Grid to Plate	3.2 $\mu\mu\text{f}$
Input	3.2 $\mu\mu\text{f}$
Output	2.2 $\mu\mu\text{f}$
Maximum Over-all Length	4 $\frac{1}{4}$ "
Maximum Diameter (without external shield)	1 $\frac{1}{8}$ "
Bulb	ST-12
Base—Small 5-Pin	5-A

Operating Conditions and Characteristics:

CLASS A AMPLIFIER

Heater Voltage	6.3 Volts
Plate Voltage	250 Volts
Grid Voltage*	-13.5 Volts
Plate Current	5 Ma.
Plate Resistance	9500 Ohms
Mutual Conductance	1450 μmhos
Amplification Factor	13.8

*When grid coupling resistor is used, its value should not exceed 1 megohm.

For **Circuit Application** refer to Sylvania Type 76.