

Hygrade Sylvania

CORPORATION

TECHNICAL DATA

SYLVANIA TYPE 6J5G

General Purpose Amplifier

TENTATIVE CHARACTERISTICS

Heater Voltage AC or DC	6.3	Volts
Heater Current	0.3	Ampere

Direct Interelectrode Capacitances:

Grid to Plate	3.4	$\mu\mu\text{F.}$
Input	3.8	$\mu\mu\text{F.}$
Output	3.3	$\mu\mu\text{F.}$

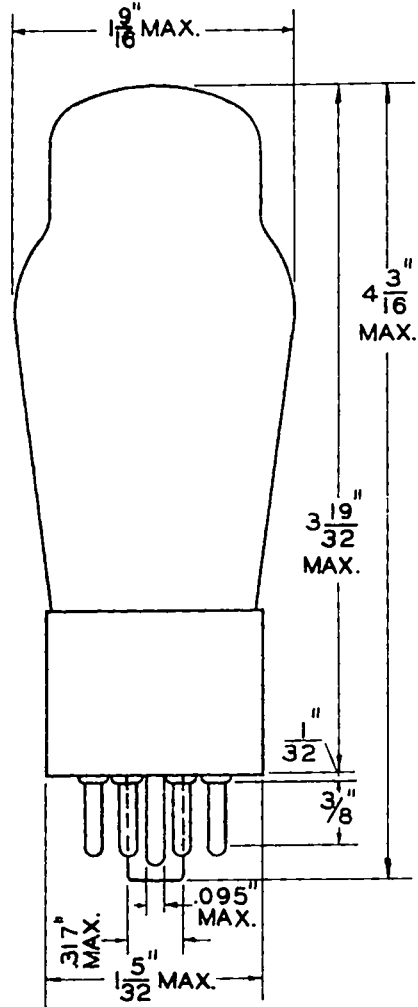
OPERATING CONDITIONS AND CHARACTERISTICS CLASS A AMPLIFIER

Heater Voltage	6.3	Volts
Plate Voltage	250	Volts
Grid Voltage	-8	Volts
Plate Current	9.0	Ma.
Plate Resistance	7700	Ohms (Approx)
Mutual Conductance	2600	$\mu\text{mhos (Approx)}$
Amplification Factor	20	

CIRCUIT APPLICATION

Sylvania 6J5G is a new glass tube equipped with an octal base. Although this tube has the same amplification factor as Types 6C5 and 6C5G the mutual conductance has been substantially increased with corresponding reduction in plate impedance. The output capacity is approximately one-third that of Type 6C5 and the tube design is such that the 6J5G should be especially applicable in ultra high frequency equipment.

Type 6J5G is a general purpose amplifier triode and may be used in circuits of conventional design as an amplifier, detector, or oscillator tube. In general, the applications and operating conditions will parallel those for such tubes as Types 76, 37, 6C5 and 6C5G.



TUBE AND BASE DIAGRAM
(BOTTOM VIEW)

