Hygrade Sylvania CORPORATION

TECHNICAL DATA

SYLVANIA TYPE 6L5G

Super Triode Amplifier and Detector

TENTATIVE CHARACTERISTICS

Heater Voltage	6.3	Volts
Heater Current	0.150	Ampere
Direct Interelectrode Capacitances:		
Grid to Plate	3.0	μμF.
Input	3.5	μμF.
Output	3.5	μμF.

OPERATING CONDITIONS AND CHARACTERISTICS

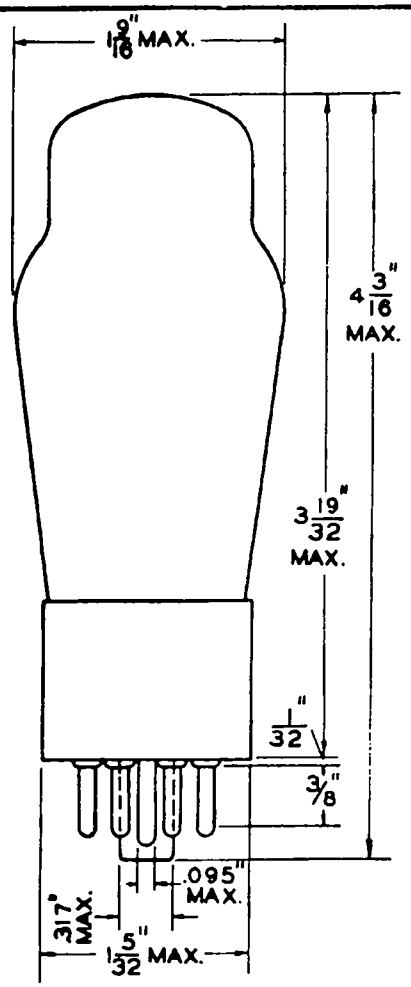
Heater Voltage	6.3	6.3	Volts
Plate Voltage	100	250	Volts
Grid Voltage	-3	-9	Volts
Plate Current	4.0	8.0	Ma.
Plate Resistance	10000	9000	Ohms
Mutual Conductance	1500	1900	μmhos
Amplification Factor	15	17	

CIRCUIT APPLICATION

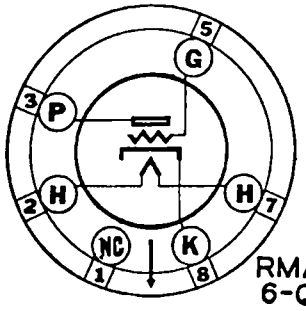
Sylvania Type 6L5G is a triode amplifier with characteristics quite similar to Types 6C5 and 6C5G. This new octal based tube has a heater rating of only 0.150 ampere.

Type 6L5G is recommended for use as an amplifier, oscillator or detector. The applications will parallel those for the 6C5G and 76 and reference may be made to circuit application notes in the Technical Manual.

SYLVANIA
6L5G



TUBE AND BASE DIAGRAM
(BOTTOM VIEW)



Pin # 4, although not indicated, is present but not connected.

from RMA release #76, June 12, 1936

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