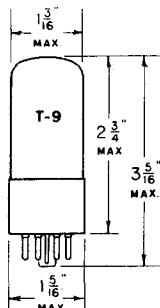


TUNG-SOL



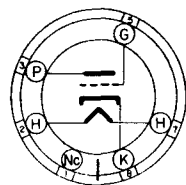
TRIODE AMPLIFIER

UNIPOENTIAL CATHODE

HEATER

6.3 VOLTS 0.3 AMPERE
AC OR DC

GLASS BULB



G-6Qa

BOTTOM VIEW

INTERMEDIATE 6 PIN OCTAL BASE

THE TUNG-SOL 6P5GT/G IS A GENERAL PURPOSE TRIODE DESIGNED FOR SERVICE AS AN OSCILLATOR, DETECTOR OR AMPLIFIER. ITS ELECTRICAL CHARACTERISTICS ARE IDENTICAL TO THOSE OF THE 76.

RATINGS

MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM PLATE DISSIPATION	1.25	WATTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	100	250	VOLTS
CONTROL GRID VOLTAGE ^A	-5	-13.5	VOLTS
PLATE CURRENT	2.5	5.0	MA.
PLATE RESISTANCE	12000	9500	OHMS
TRANSCONDUCTANCE	1150	1450	μMHOS
AMPLIFICATION FACTOR	13.8	13.8	

DIRECT INTERELECTRODE CAPACITANCES^S

GRID TO CATHODE	3.4	μuf
PLATE TO CATHODE	5.5	μuf
GRID TO PLATE	2.6	μuf

^A THE DC RESISTANCE IN THE GRID CIRCUIT OF THE 6P5GT/G, UNDER MAXIMUM RATED CONDITIONS, SHOULD NOT EXCEED 1.0 MEGOHM.

^S WITH EXTERNAL SHIELD CONNECTED TO CATHODE.

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6P5GT/G

