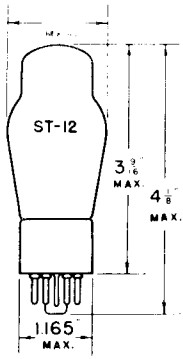
TUNG-SOL



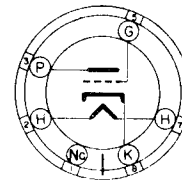
TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.15 AMPERE
AC OR DC

GLASS BULB

SMALL 6 PIN OCTAL BASE



G-6Qa
BOTTOM VIEW

THE TUNG-SOL 6L5G IS A GENERAL PURPOSE TRIODE DESIGNED FOR SERVICE AS AN OSCILLATOR, DETECTOR OR AMPLIFIER. IT IS RECOMMENDED FOR USE WHERE ECONOMY OF HEATER CURRENT IS IMPORTANT.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

PLATE VOLTAGE	135	250 MAX.	VOLTS
GRID VOLTAGE	-5	-9	VOLTS
PLATE CURRENT	3.5	8	MA.
PLATE RESISTANCE	11 300	9000	OHMS
TRANSCONDUCTANCE	1500	1900	µMHOS
AMPLIFICATION FACTOR	17	17	
GRID VOLTAGE APPROX. FOR CATHODE CURRENT CUT-OFF	-11	-20	VOLTS

RESISTANCE COUPLED AMPLIFIER

PLATE AND SCREEN SUPPLY VOLTAGE	100	100	250	250	VOLTS
PLATE LOAD RESISTOR	0.05	0.25	0.05	0.25	MEGOHM
CATHODE RESISTOR	2800	10 000	2600	9000	OHMS
VOLTAGE GAIN	11	12	12	13	

DIRECT INTERELECTRODE CAPACITANCES[S]

GRID TO CATHODE	2.8	µµf
PLATE TO CATHODE	5.0	µµf
GRID TO PLATE	2.8	µµf

[S] WITH SHIELD

PLATE 421-2

MAY 8 1939

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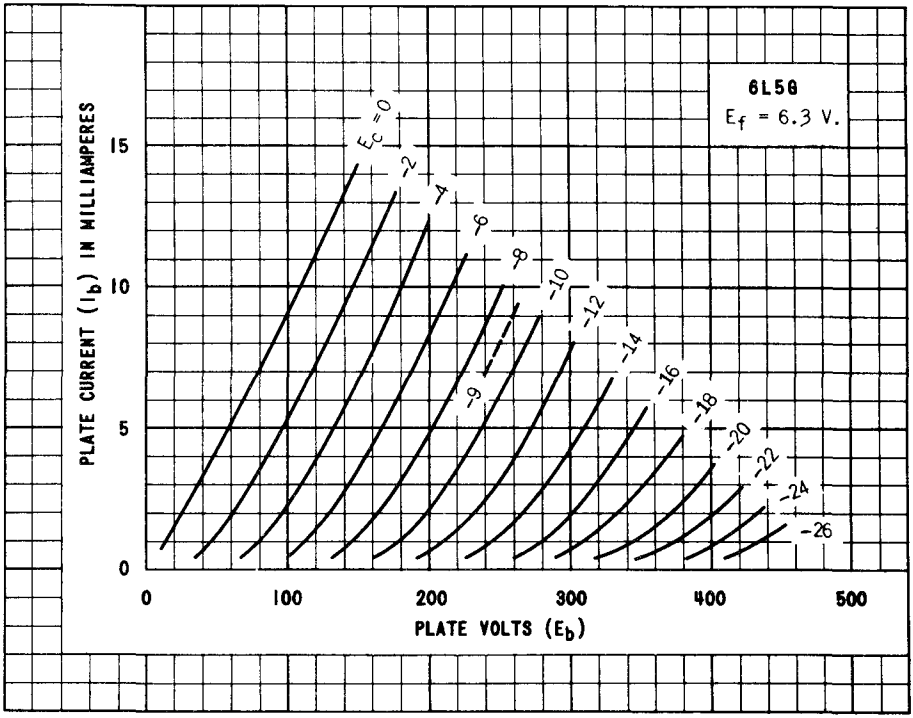
6L5 G



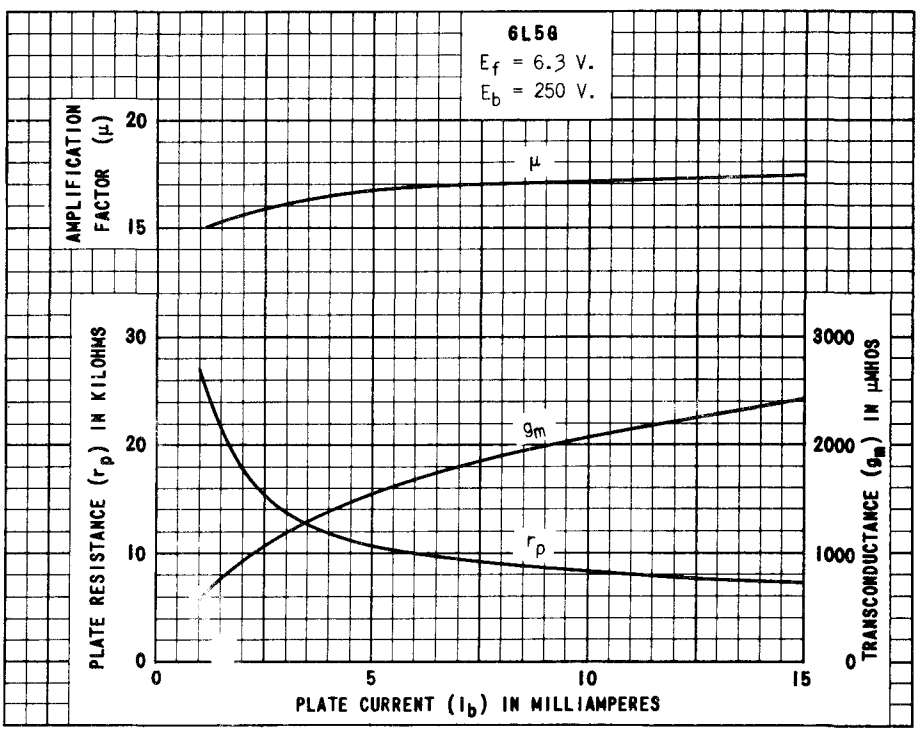


PLATE
422-1

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