

TUNG-SOL

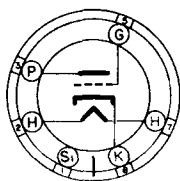
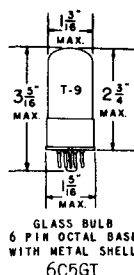
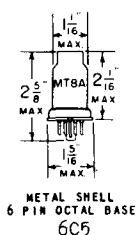
TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

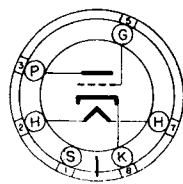
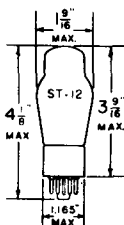
HEATER

6.3 VOLTS 0.3 AMPERE

AC OR DC



BOTTOM VIEW
6C5G



BOTTOM VIEW
6C5 6C5GT

THE TUNG-SOL 6C5, 6C5G AND 6C5GT ARE GENERAL PURPOSE TRIODES DESIGNED FOR SERVICE AS OSCILLATORS, DETECTORS OR AMPLIFIERS. WITH THE EXCEPTION OF CAPACITANCES, THEIR ELECTRICAL CHARACTERISTICS ARE IDENTICAL. THEY ARE SIMILAR IN CHARACTERISTICS TO THE 6C6, 6J7 AND 57 WITH TRIODE CONNECTION.

RATINGS

MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	2.5	WATTS
MINIMUM GRID VOLTAGE	0	

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

PLATE VOLTAGE	250	VOLTS
GRID VOLTAGE ^A	-8	VOLTS
PLATE CURRENT	8	MA.
PLATE RESISTANCE	10 000	OHMS
TRANSCONDUCTANCE	2000	μMHOS
AMPLIFICATION FACTOR	20	

^A THE DC RESISTANCE IN THE GRID CIRCUIT SHOULD NOT EXCEED 1.0 MEGOHM.

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6C5, 6C5G, 6C5GT

TUNG-SOL

DIRECT INTERELECTRODE CAPACITANCES*

	6C5	6C5G	6C5GT	
GRID TO CATHODE	3.0	4.4	3.6	μf
PLATE TO CATHODE	11	12	11	μf
GRID TO PLATE	2.0	2.2	1.6	μf

* WITH SHELL OR SHIELD CONNECTED TO THE CATHODE

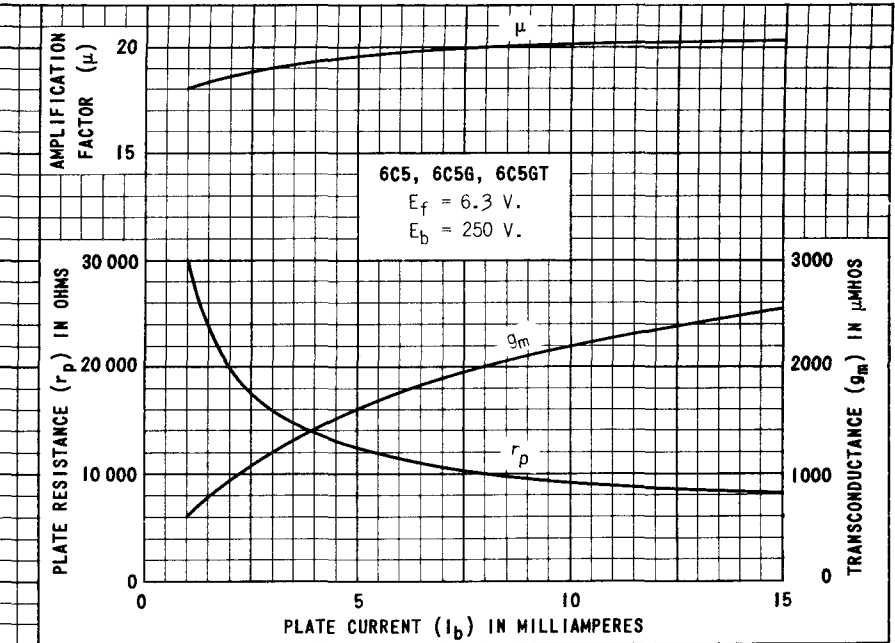
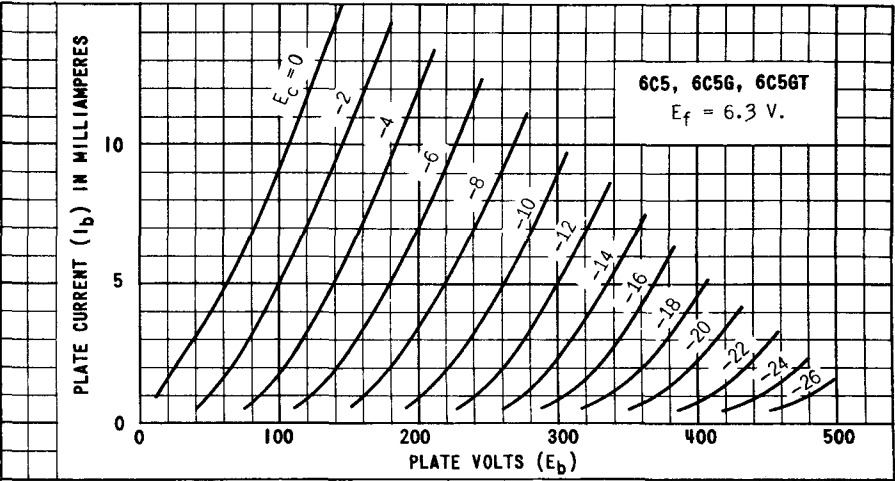


PLATE
626-2