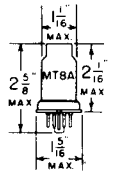
**TUNG-SOL**

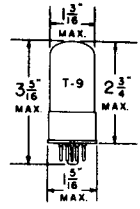



METAL SHELL
6 PIN OCTAL BASE
6C5

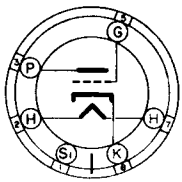
## TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.3 AMPERE
AC OR DC

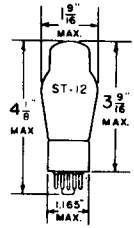



GLASS BULB
6 PIN OCTAL BASE
WITH METAL SHELL
6C5GT

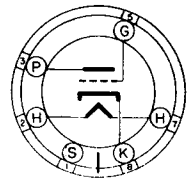



G-6Qb

BOTTOM VIEW
6C5G




GLASS BULB
SMALL 6 PIN OCTAL BASE
6C5G




6Q

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.

CONTINUED NEXT PAGE

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PLATE
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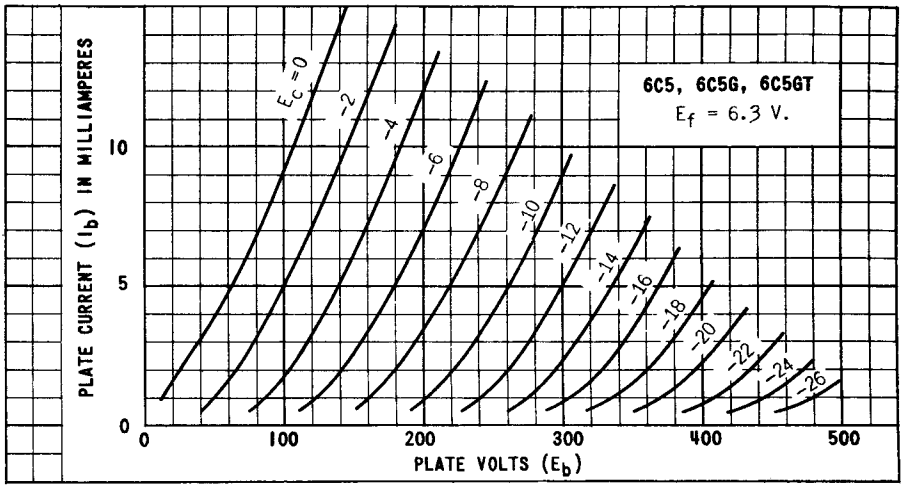
# 6C5, 6C5G, 6C5GT

## TUNG-SOL

DIRECT INTERELECTRODE CAPACITANCES[B]

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

[B] WITH SHELL OR SHIELD CONNECTED TO THE CATHODE



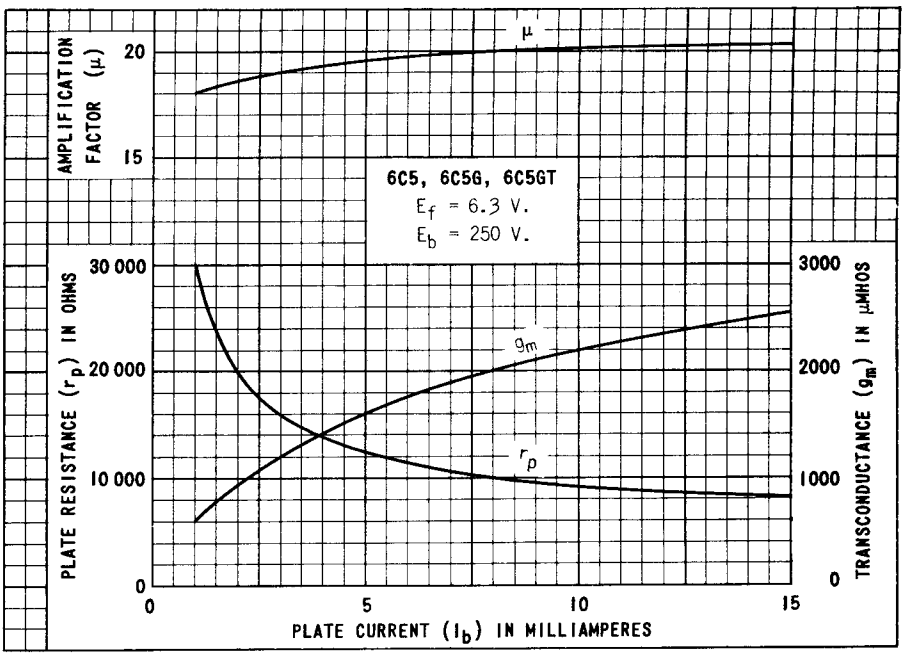




PLATE 626-2