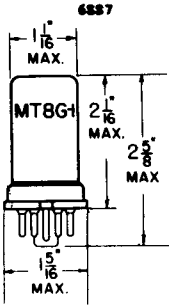
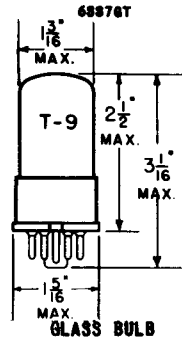


TUNG-SOL

PENTODE AMPLIFIER



METAL SHELL



GLASS BULB

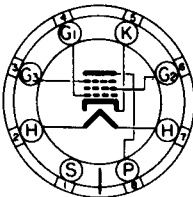
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.15 AMPERE

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

SMALL WAFER
8 PIN OCTAL



BOTTOM VIEW

SMALL WAFER
8 PIN OCTAL
METAL SLEEVE

THE 6SS7 AND 6SS7GT ARE RF PENTODES WHICH HAVE REMOTE PLATE CURRENT CUT-OFF. THEY ARE SUITABLE FOR OPERATING WITH AVC IN RF AND IF AMPLIFIERS. THE USE OF THESE TUBES WILL REDUCE CROSS MODULATION EFFECTS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

| | | |
|--------------------------------|------|-------|
| HEATER VOLTAGE | 6.3 | VOLTS |
| HEATER CURRENT | 0.15 | AMP. |
| MAXIMUM PLATE VOLTAGE | 300 | VOLTS |
| MAXIMUM SCREEN VOLTAGE | 100 | VOLTS |
| MAXIMUM SCREEN SUPPLY VOLTAGE | 300 | VOLTS |
| MINIMUM CONTROL GRID VOLTAGE | 0 | VOLTS |
| MAXIMUM PLATE DISSIPATION | 2.25 | WATTS |
| MAXIMUM SCREEN DISSIPATION | 0.35 | WATTS |
| MAXIMUM HEATER-CATHODE VOLTAGE | 90 | VOLTS |

DIRECT INTERELECTRODE CAPACITANCES

| | 6SS7 WITH SHELL CON- NECTED TO CATHODE | 6SS7GT WITH EXTERNAL SHIELD CONNECTED TO CATHODE | |
|----------------------|---|---|-----|
| GRID TO PLATE (MAX.) | 0.004 | 0.004 | μμf |
| INPUT | 5.5 | 5 | μμf |
| OUTPUT | 7 | 6 | μμf |

CONTINUED ON FOLLOWING PAGE

→ INDICATES A CHANGE OR ADDITION.

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CONTINUED FROM PRECEDING PAGE

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

| | 6SS7 | 6SS7GT | 6SS7GT | |
|---|-------|--------|--------|--------|
| PLATE VOLTAGE | 100 | 100 | 250 | VOLTS |
| SCREEN VOLTAGE | 100 | 100 | 100 | VOLTS |
| CONTROL GRID VOLTAGE | -1 | -1 | -3 | VOLTS |
| SUPPRESSOR VOLTAGE | 0 | 0 | 0 | VOLTS |
| PLATE CURRENT | 12.2 | 12.2 | 9 | MA. |
| SCREEN CURRENT | 3.1 | 3.1 | 2 | MA. |
| PLATE RESISTANCE (APPROX.) | 0.12 | 0.12 | 1 | MEGOHM |
| TRANSCONDUCTANCE | 1 930 | 2 200 | 1 850 | μMHOS |
| GRID VOLTAGE (APPROX.) FOR TRANSCONDUCTANCE = 10 μMHOS | -35 | -35 | -35 | VOLTS |

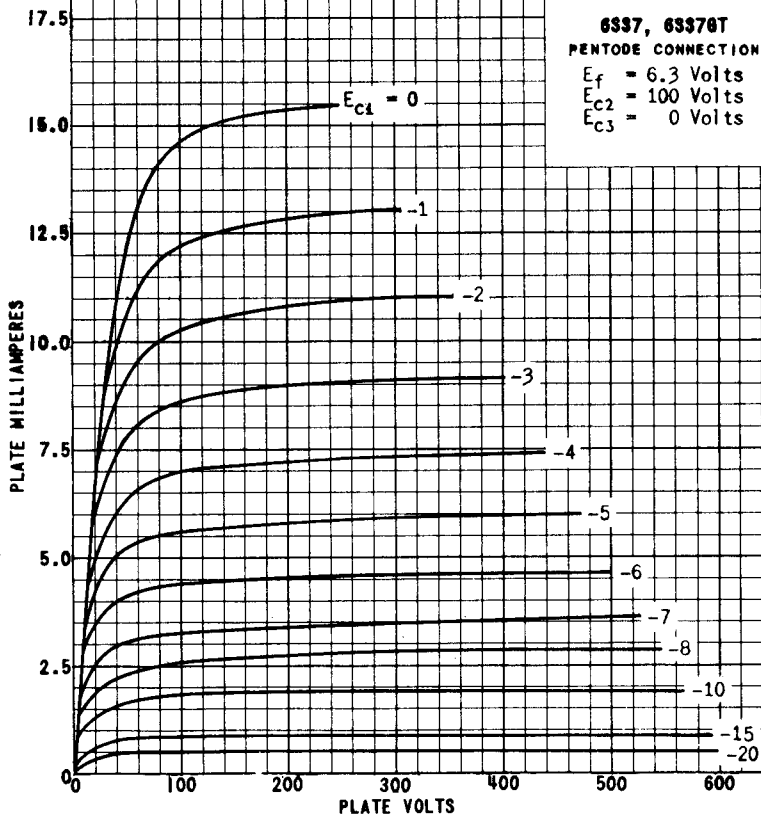


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