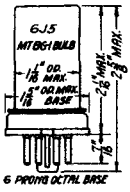
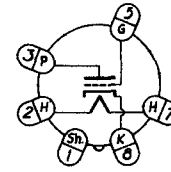
# RAYTHEON

6J5
6J5G

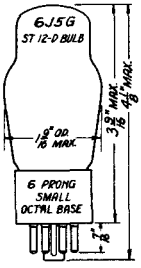



TRIODE
AMPLIFIER
Heater Type
Metal Bulb-6J5 Glass Bulb-6J5G

The 6J5 is a triode type amplifier tube designed for service in storage battery or a-c operated receivers.




BOTTOM VIEW OF SOCKET
6J5G-NO CONNECTION TO #1 PIN



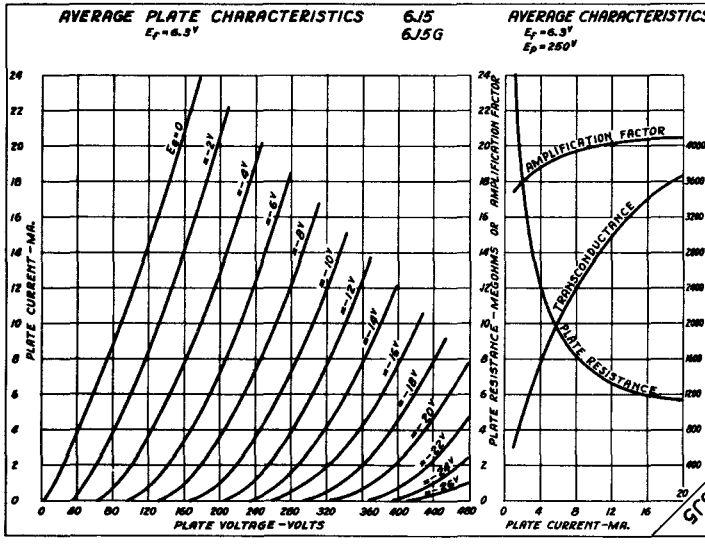

RATINGS

| | | |
|---|---|---|
| Heater Voltage(a-c or d-c) | 6.3 | volts |
| Heater Current | 0.3 | amp |
| Maximum Plate Voltage | 250 | volts |

DIRECT INTERELECTRODE CAPACITANCES

| | Grid to Plate | Input | Output | |
|---|---|---|---|---|
| 6J5 | 3.4 | 3.4 | 3.6 | µµf |
| 6J5G | 3.4 | 3.8 | 3.3 | µµf |

AMPLIFIER - CLASS A

| | | |
|---|---|---|
| Plate Voltage | 250 | volts |
| Grid Bias | -8 | volts |
| Amplification Factor | 20 | |
| Plate Resistance | 7700 | ohms |
| Transconductance | 2600 | µmhos |
| Plate Current | 9 | ma |

The voltage between heater and cathode should be kept as low as possible where they are not directly connected.