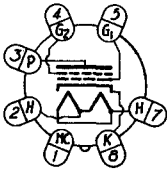


TETRODE
POWER AMPLIFIER
Heater Type Glass Bulb

The 6Y6G is a tetrode type power amplifier tube designed for service in the output stage of a-c operated receivers having relatively low plate supply voltages.



BOTTOM VIEW OF SOCKET

RATINGS

Heater Voltage (a-c or d-c)	6.3	volts
Heater Current	1.25	amp
Maximum Plate Voltage	135	volts
Maximum Screen Voltage	135	volts

AMPLIFIER - CLASS A

Plate Voltage	135	volts
Screen Voltage	135	volts
Grid Bias	-13.5	volts
Signal Peak Voltage	13.5	volts
Amplification Factor	70	
Plate Resistance (approximate)	10000	ohms
Transconductance	7000	umhos
No-Signal Plate Current	58	ma
Max.-Signal Plate Current	60	ma
No-Signal Screen Current	3	ma
Max.-Signal Screen Current	17	ma
Load Resistance	2000	ohms
Second Harmonic Distortion	2.5	percent
Third Harmonic Distortion	9	percent
Power Output	3.6	watts

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

