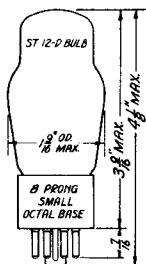


1J6G

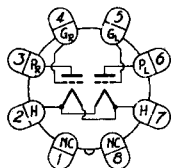
RAYTHEON

1J6G

TWIN TRIODE
POWER AMPLIFIER
Filament Type Glass Bulb



The 1J6G is a twin triode type amplifier tube designed for service as a Class B power amplifier in the output stage of battery operated receivers. The ratings and electrical characteristics, except filament current, are identical with those of the type 19.



BOTTOM VIEW OF SOCKET

RATINGS

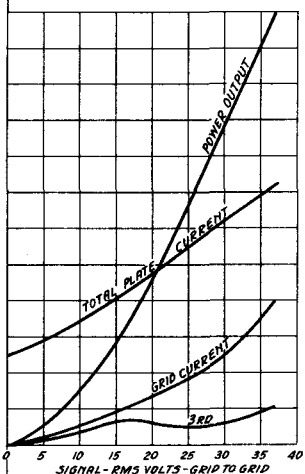
Filament Voltage	2.0 d-c volts
Filament Current	0.24 amp
Maximum Plate Voltage	135 volts
Maximum Peak Plate Current (per plate)	50 ma

AMPLIFIER - CLASS B

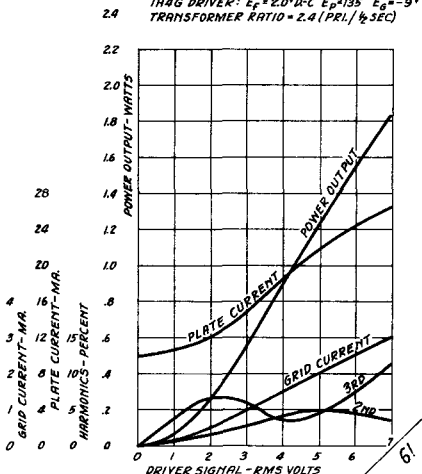
Plate Voltage	135	135	135	volts
Grid Bias	-6	-3	0	volts
No-Signal Plate Current (per plate)	0.5	2	5	ma
Load Resistance (plate to plate)	10000	10000	10000	ohms
Power Output (approximate)	1.6	1.9	2.1	watts
Average Power Input (grid to grid)	0.095	0.13	0.17	watts

For additional curves refer to the type 19.

AVERAGE CHARACTERISTICS
AMPLIFIER-CLASS B
 $E_f = 2.0V$ D-C $E_p = 135V$ $E_g = 0$ $R_L = 10000\Omega$



19
1J6G
AVERAGE CHARACTERISTICS
AMPLIFIER-CLASS B
 $E_f = 2.0V$ $E_p = 135V$ $E_g = 0$ $R_L = 10000\Omega$
1H4G DRIVER: $E_f = 2.0V$ D-C $E_p = 135V$ $E_g = -9V$
TRANSFORMER RATIO = 2.4 (PRI./1/2 SEC)



RAYTHEON ENGINEERING SERVICE