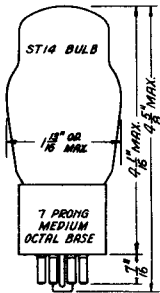


1F5G

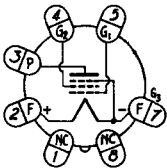
RAYTHEON

1F5G

PENTODE
POWER AMPLIFIER
Filament Type Glass Bulb



The 1F5G is a pentode type power amplifier tube designed for service in the output stage of battery operated receivers. The ratings and electrical characteristics are identical with those of the type 1F4.



BOTTOM VIEW OF SOCKET

RATINGS

Filament Voltage	2.0 d-c volts
Filament Current	0.12 amp
Maximum Plate Voltage	135 volts
Maximum Screen Voltage	135 volts

AMPLIFIER - CLASS A

Plate Voltage	90	135	volts
Screen Voltage	90	135	volts
Grid Bias	-5	-4.5	volts
Amplification Factor	340	340	
Plate Resistance	0.24	0.2	megohm
Transconductance	1400	1700	umhos
Plate Current	4	8	ma
Screen Current	1.3	2.6	ma
Load Resistance	20000	16000	ohms
Total Harmonic Distortion	5	5	percent
Power Output	120	340	mW

