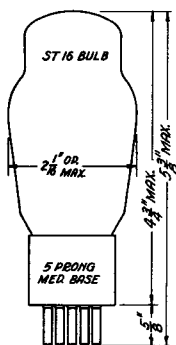


PENTODE
POWER AMPLIFIER
Filament Type Glass Bulb

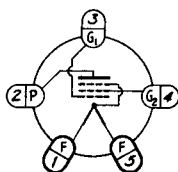


The 47 is a pentode type power amplifier tube designed for service in the output stage of a-c operated receivers.

RATINGS

Filament Voltage (a-c or d-c)	2.5	volts
Filament Current	1.75	amp
Maximum Plate Voltage	250	volts
Maximum Screen Voltage	250	volts

AMPLIFIER - CLASS A



BOTTOM VIEW OF SOCKET

Plate Voltage	250	volts
Screen Voltage	250	volts
Grid Bias†	-16.5	volts
Amplification Factor	150	
Plate Resistance	60000	ohms
Transconductance	2500	μmhos
Plate Current	31	ma
Screen Current	6	ma
Load Resistance	7000	ohms
Total Harmonic Distortion	6	percent
Power Output	2.7	watts

*Grid bias measured from mid-point of a-c operated filament.

