

1E5GP

RAYTHEON

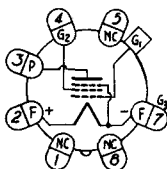
1E5GP

PENTODE
AMPLIFIER

Filament Type Glass Bulb



The 1E5GP is a pentode type amplifier tube designed for service as a high frequency amplifier in battery operated receivers. The ratings and electrical characteristics are identical with those of the type 1B4/951.



BOTTOM VIEW OF SOCKET

RATINGS

Filament Voltage	2.0	d-c	volts
Filament Current	0.060		amp
Maximum Plate Voltage	180		volts
Maximum Screen Voltage	67.5		volts

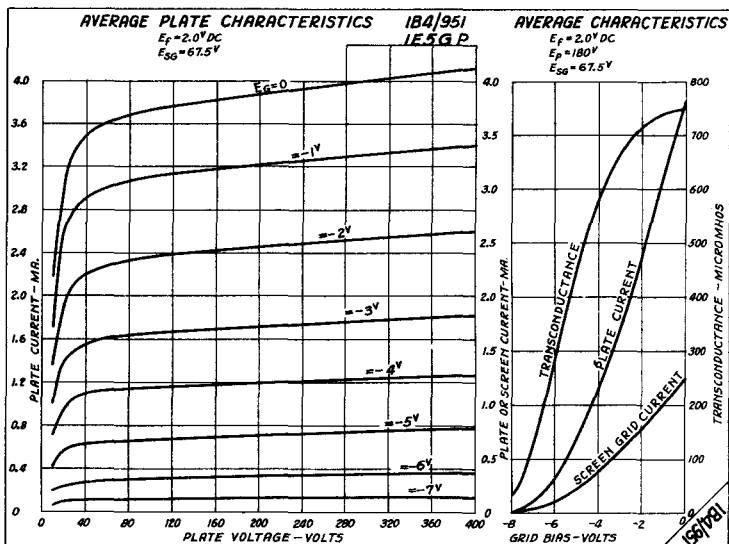
DIRECT INTERELECTRODE CAPACITANCES

Grid to Plate	0.007 max.*	μuf
Input	6.2	μuf
Output	12	μuf

AMPLIFIER - CLASS A

Plate Voltage	90	180	volts
Screen Voltage	67.5	67.5	volts
Grid Bias	-3	-3	volts
Amplification Factor	600	975	
Plate Resistance	1	1.5	megohms
Transconductance	600	650	μmhos
Plate Current	1.6	1.7	ma
Screen Current	0.7	0.6	ma
Grid Bias for Plate Current Cutoff	-8	-8	volts

*With tube shield.



RAYTHEON ENGINEERING SERVICE