POWER AMPLIFIER

Filament Coated
Voltage 7.5 a-c or d-c volts
Current 1.25 amp.

Direct Interelectrode Capacitances:
Grid to Plate 7.1 \(\mu\)f
Grid to Filament 4.2 \(\mu\)f
Plate to Filament 3.4 \(\mu\)f

Maximum Overall Length 6-1/4" 2-7/16"
Maximum Diameter 2 Med. 4-Pin Bay.
Bulb ST-19
Base Pin 1-Filament Pin 3-Grid
Pin 2-Plate Pin 4-Filament

BOTTOM VIEW

AMPLIFIER (Class A)

Operating Conditions and Characteristics:
Filament 7.5 7.5 7.5 7.5 a-c volts
Plate 300 350 400 450 max. volts
Grid* -54 -63 -70 -84 volts
Amp. Fact. 3.8 3.8 3.8 3.8 ohms
Plate Res. 2000 1900 1600 1800 ohms
Mut. Cond. 1900 2100 2100 2100 \(\mu\)mhos
Plate Cur. 35 45 55 55 ma.
Load Res. 4600 4100 3670 4350 ohms
U.P.O. 1.6 2.4 3.4 4.6 watts

Self-bias is advisable in all cases. The resistance in the grid-coupling circuit should not exceed 10000 ohms.

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

AVERAGE CHARACTERISTICS

TYPE 50
\(E_4=7.5\) VOLTS D.C.

PLATE RESISTANCE (\(R_P\)) (OHMS)

PLATE VOLTAGES

92S-566R2