TENTATIVE DATA SHEET
RAYTHEON G TYPE TUBE

TWIN TRIODE POWER AMPLIFIER
DUAL GRID - HEATER TYPE

Bulb - ST-12
Base - Small Octal 8-Pin

DIMENSIONS

Maximum Overall Length 4 1/8"
Maximum Diameter 1 9/16"

BASING - R. N. A. Numbering

Pin 1 - No connection
Pin 2 - Heater
Pin 3 - Plate (Triode R)
Pin 4 - Grid (Triode R)
Pin 5 - Grid (Triode L)
Pin 6 - Plate (Triode L)
Pin 7 - Heater
Pin 8 - Cathode

RATINGS

Heater Voltage 6.3 volts
Heater Current 0.3 amp
Maximum Plate Voltage 180 volts
Maximum Peak Plate Current (per plate) 60 ma
Max. Average Plate Dissipation 8 watts

AMPLIFIER - CLASS B

Plate Voltage 135 180 volts
Grid Bias 0 0 volts
No Signal Plate Current (per plate) 3 4.2 ma
Load Resistance (plate to plate) 15000 20000 ohms
Power Output 1.5 2.2 watts
(With average power input = 80 mw, grid to grid)
Load Resistance 9000 12000 ohms
Power Output 2.5 4.2 watts
(With average power input = 320 mw, grid to grid)

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RAYTHEON ENGINEERING SERVICE

May 15, 1937