DETECTOR, AMPLIFIER

Filament: Thoriated Tungsten
Voltage: 5.0 d-c volts
Current: 0.75 amp.

Direct Interelectode Capacitances:
- Grid to Plate: 0.4 μf
- Grid to Filament: 3.1 μf
- Plate to Filament: 2.2 μf

Maximum Overall Length: 4-11/16”
Maximum Diameter: 1-13/16”

Base: Medium 4-Pin Bayonet
Pin 1-Filament+
Pin 2-Plate
Pin 3-Grid
Pin 4-Filament-

BOTTOM VIEW

AMPLIFIER (Class A)
Operating Conditions and Characteristics:
- Filament: 5.0, 5.0 d-c volts
- Plate: 90, 135 max. volts
- Grid: -4.5, -9 volts
- Amp. Fact.: 8, 8 ohms
- Plate Res.: 41,000, 1,000,000 ohms
- Mut. Cond.: 725, 800 μmhos
- Plate Cur.: 2.5, 3 ma.

DETECTOR
Typical Operation: Biased Grid-Leak
- Filament: 5.0, 5.0 d-c volts
- Plate: 90, 135 max.
- Grid (approx.): -7.5, -13.5
- Plate Cur.: Adjusted to 0.2 ma.
- Grid Leak: In 0.25° to 5°, 0.00025 μf
- Grid Condenser: -

AVERAGE CHARACTERISTICS

- E_f = 5.0 VOLTS D.C.
- Plate Resistance (R_p) (ohms)
- Plate Milliampere
- Mutual Conductance (G_m) (mhos)
- Amplification Factor (A)

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RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.
AVERAGE PLATE CHARACTERISTICS

$E_F = 5.0$ VOLTS D.C.

AVERAGE CHARACTERISTICS

$E_F = 5.0$ VOLTS D.C.