**SUPER-CONTROL R-F AMPLIFIER PENTODE**

- Filament: Coated
- Voltage: 1.4 d-c volts
- Current: 0.05 amp.

**Direct Inter-electrode Capacitances:**
- Grid to Plate: 0.007 max. µuf
- Input: 3.0 µuf
- Output: 10 µuf

- Maximum Overall Length: 3-5/16"
- Maximum Seated Height: 2-3/4"
- Maximum Diameter: 1-5/16"

- Bulb: T-9
- Cap: Skirted Miniature-Style C
  - Base: Small Wafer Octal 7-Pin, Sleeve
    - Pin 1 - Base Sleeve
    - Pin 2 - Filament +
    - Pin 3 - Plate
    - Pin 4 - Screen
- Mounting Position: Any

**Plate Voltage:** 110 max. volts
**Screen Voltage:** 110 max. volts

**Typical Operation and Characteristics-Class A, Amplifier:**
- Plate: 90 volts
- Screen: 90 volts
- Grid: 0 volts
- Plate Res. (approx.): 0.8 megohm
- Transcond.: 750 µmhos
- Grid Bias for Transcond. of 10 µmhos (approx.): -12 volts
- Plate Cur.: 2.3 ma.
- Screen Cur.: 0.7 ma.

*With close-fitting shield connected to negative filament terminal.*

May 1, 1941

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

$E_f = 1.4 \text{ VOLTS D.C.}$  \hspace{1cm} \text{SCREEN VOLTS} = 90

![Graph showing plate characteristics with voltage values and current measurements.

APR. 24, 1941  \hspace{2cm} \text{RCA RADIOTRON DIVISION}

RCA MANUFACTURING COMPANY, INC.

92C-6276