SUPER-CONTROL R-F AMPLIFIER PENTODE

Filament: Coated  
Voltage: 2.0 d-c volts  
Current: 0.060 amp.

Direct Interelectrode Capacitances:
Grid to Plate (with shield-can): 0.007 max, µf  
Input: 5 µf  
Output: 11 µf

Overall Length: 4-9/32" to 4-17/32"  
Maximum Diameter: 1-9/16"  
Bulb: ST-12  
Cap: Small Metal  
Base: Small 4-Pin

Pin 1-Filament  
Pin 2-Plate  
Pin 3-Screen  
Pin 4-Filament  
Cap  
Grid

BOTTOM VIEW

AMPLIFIER - Class A

Operating Conditions and Characteristics:
Filament: 2.0  
Plate: 90 180 max. volts  
Screen: 67.5 67.5 max. volts  
Grid: -3 -3 min.volts  
Amp. Fact.: 425 750 approx. megohm  
Plate Res.: 0.6 1.0 µmhos  
Mut. Cond.: 720 750 15 µmhos  
Mut. Cond.*: 15 15 ma.  
Plate Cur.: 2.2 2.3 ma.  
Screen Cur.: 0.9 0.8 ma.

*At -15 volts bias.

AVERAGE CHARACTERISTICS

SEPT. 30, 1936  
RCA RADIotron DIVISION  
RCA MANUFACTURING COMPANY, INC.  
TENTATIVE DATA
AVERAGE PLATE CHARACTERISTICS

\[ E_\text{f} = 2.0 \text{ VOLTS D.C.} \quad \text{SCREEN VOLTS} = 67.5 \]

AVERAGE CHARACTERISTICS

\[ E_\text{f} = 2.0 \text{ VOLTS D.C.} \quad \text{PLATE VOLTS} = 180 \quad \text{SCREEN VOLTS} = 67.5 \]

AUG. 21, 1936
RCA RADIotron DIVISION
RCA MANUFACTURING COMPANY, INC.