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. μuf
Input  5 μuf
Output  11 μuf

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 2.0 d-c volts
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 μmhos
Plate Cur.  2.2 2.3
Screen Cur.  0.9 0.8

*At -15 volts bias.

AVERAGE CHARACTERISTICS

TYPE IA4
Ef=2.0 VOLTS D.C.
PLATE VOLTS=180
CONTROL-GRID VOLTS=-3

SEPT. 30, 1936
RCA RADIOTRON DIVISION
TENTATIVE DATA
AVERAGE PLATE CHARACTERISTICS

$E_f = 2.0$ VOLTS D.C.  SCREEN VOLTS = 67.5

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$E_f = 2.0$ VOLTS D.C.  PLATE VOLTS = 180  SCREEN VOLTS = 67.5