DETECTOR, AMPLIFIER

Filament: V99-Thoriated Tungsten
Voltage: 3.0 - 3.3 d-c volts
Current: 0.060 - 0.063 amp.

Direct Interelectrode Capacitances:
- Grid to Plate: 2.5 µfd
- Plate to Filament: 2.5 µfd

Maximum Overall Length: Type V99 3-1/2" Type I99 4"
Maximum Diameter: Type V99 1-1/16" Type I99 1-3/16"
Bulb: Type V99 T-8 Type I99 T-8
Base: Type V99 Small 4-Nub Type I99 Small 4-Pin

Operating Conditions and Characteristics:
- Filament: 3.3 d-c volts
- Plate: 90 max. volts
- Grid: -4.5 volts
- Amp. Fact.: 6.6
- Plate Res.: 15500 ohms
- Mut. Cond.: 475 µhm
- Plate Cur.: 2.5 ma.

Typical Operation: Biased Grid-Leak

AVERAGE CHARACTERISTICS

MAY 1, 1935
RCA RADIotron DIVISION
RCA MANUFACTURING COMPANY, INC.
AVERAGE PLATE CHARACTERISTICS

$E_f = 3.3$ VOLTS D.C.

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$E_f = 3.3$ VOLTS D.C.