TRIPLE-GRID SUPER-CONTROL AMPLIFIER

Heater: Coated Unipotential Cathode
Voltage: 6.3 a-c or d-c volts
Current: 0.3 amp.
Direct Inter-electrode Capacitances:
- Grid to Plate: 0.007 max. µuf
- Input: 4.7 µuf
- Output: 6.5 µuf
Overall Length: 4-11/16" to 4-15/16"
Seated Height: 4-1/16" to 4-5/16"
Maximum Diameter: 1-9/16" ST-12
Bulb: Small Metal
Cap: Small 6-Pin
Base:
- Pin 1 - Heater
- Pin 2 - Plate
- Pin 3 - Screen
- Pin 4 - Suppressor
Mounting Position: BOTTOM VIEW (6F) Any

In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

With close-fitting shield connected to cathode

Maximum Ratings, Typical Operating Conditions and Curves are the same as for Type 587-0.

--- Indicates a change.

Sept. 2, 1941
AVERAGE CHARACTERISTICS

\( E_T = 6.3 \text{ VOLTS} \quad \text{SUPPRESSOR VOLTS} = 0 \quad \text{PLATE VOLTS} = 250 \)

CONTROL-GRID VOLTS = -3

\begin{align*}
\text{PLATE RESISTANCE (T2)} & \times 10^5 \\
\text{PLATE (1b) OR SCREEN (1c2) MILLIAMPERES} & \text{TRANSCONDUCTANCE (gm) MICROHMS}
\end{align*}

\begin{align*}
\text{SCREEN VOLTS} & \quad 0 \quad 20 \quad 40 \quad 60 \quad 80 \quad 100 \quad 120 \quad 140 \\
\text{200} & \quad \text{400} \quad \text{600} \quad \text{800} \quad \text{1000} \quad \text{1200} \quad \text{1400} \quad \text{1600} \quad \text{1800} \quad \text{2000}
\end{align*}