



6C8-G



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TWIN-TRIODE AMPLIFIER

Heater	Coated Unipotential Cathodes	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.

Direct Interelectrode Capacitances (Approx.):

	<u>Triode Unit T_1</u>	<u>Triode Unit T_2</u>	
Grid to Plate	2.6	1.8	μf
Grid to Cathode	2.6	1.3	μf
Plate to Cathode	2.0	2.2	μf
Grid to Grid		0.1	μf
Plate to Plate		2.0	μf

Overall Length 4-7/32" to 4-15/32"

Seated Height 3-21/32" to 3-29/32"

Maximum Diameter 1-9/16"

Bulb ST-12

Cap Skirted Miniature, Style A

Base Small Shell Octal 8-Pin

Pin 1 - No Connection

Pin 2 - Heater

Pin 3 - Plate (Triode T_2)Pin 4 - Cathode (Triode T_2)Pin 5 - Grid (Triode T_1)Pin 6 - Plate (Triode T_1)

Pin 7 - Heater

Pin 8 - Cathode (Triode T_1)Cap - Grid (Triode T_2)

Mounting Position

BOTTOM VIEW (G-8G)

Any

EACH TRIODE UNIT

Plate Voltage 250 max. volts

Grid Voltage 0 min. volts

Plate Dissipation 1.0 max. watt

Characteristics - Class A_1 Amplifier:

Plate 250 volts

Grid -4.5 volts

Amp. Fact. 36

Plate Res. 22500 ohms

Transcond. 1600 μmhos

Plate Cur. 3.2 ma.

Typical Operation - Resistance-Coupled Amplifier:

See RESISTANCE-COUPLED AMPLIFIER CHART.

- 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.

— Indicates a change.

Dec. 1, 1941

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

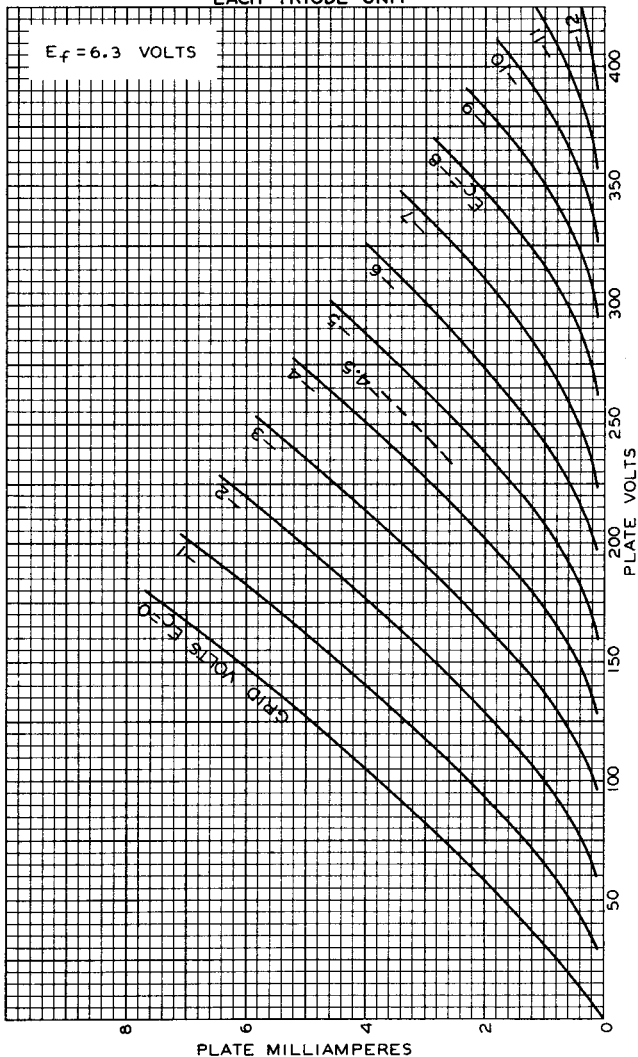
DATA

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AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT



SEPT. 18, 1941

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