



6Z7-G

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CLASS B TWIN AMPLIFIER

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
Maximum Overall Length		4-1/8"
Maximum Diameter		1-9/16"
Bulb		ST-12
Base		Small Shell Octal 8-Pin
Pin 1-No Connection		Pin 5-Grid (Triode T ₁)
Pin 2-Heater		Pin 6-Plate (Triode T ₁)
Pin 3-Plate (Triode T ₂)		Pin 7-Heater
Pin 4-Grid (Triode T ₂)		Pin 8-Cathode
Mounting Position		Any ←

BOTTOM VIEW

For convenience, one triode unit is identified as T₁, the other as T₂.

CLASS B POWER AMPLIFIER

Plate Voltage		180 max.	volts
Peak Plate Current (per plate)		60 max.	ma.
Average Plate Dissipation		8 max.	watts
Typical Operation:			
Heater	6.3	6.3	volts
Plate	135	180	volts
Grid	0	0	volts
Zero-Sig. Plate Current (per plate)	3	4.2	ma.
Effective Load Resistance (plate to plate)	15000	9000	20000 12000 ohms
Power Output	1.5*	2.5#	2.2* 4.2# watts

* With average input of 80 milliwatts applied between grids.

With average input of 320 milliwatts applied between grids.

o 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.

SEPT. 1, 1938

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

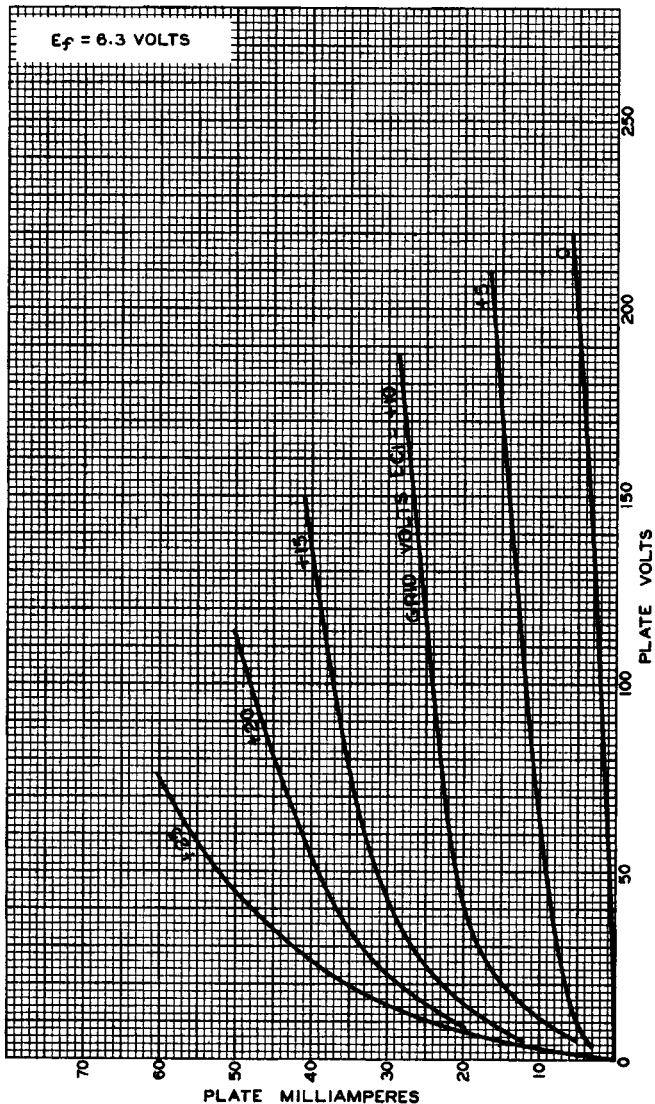
TENTATIVE DATA

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AVERAGE PLATE CHARACTERISTICS



AUG. 1, 1938

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