6Z7-G

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 T_1, the other as T_2.

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.

° 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.

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AVERAGE PLATE CHARACTERISTICS