

TECHNICAL DATA

1J6G

Sylvania

TYPE 1J6G

DUOTRIODE POWER AMPLIFIER

RATINGS AND CHARACTERISTICS

Filament Voltage DC	2.0	Volts
Filament Current	0.24	Ampere
Maximum Plate Voltage	135	Volts
Maximum Peak Plate Current per Plate	50	Ma.

**Horizontal operation permitted if pins no. 1 and no. 4 are in a vertical plane.*

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

Class B Amplifier

Filament Voltage DC	2.0	2.0	2.0	Volts
Filament Current	0.24	0.24	0.24	Ampere
Plate Voltage	135	135	135	Volts
Grid Voltage	-6	-3	0	Volts
Plate Current per Plate, Zero Signal	0.1	1.7	5.0	Ma.
Plate Current per Plate for Rated Output	30	26	24	Ma.
Effective Plate to Plate Load Resistance	10,000	10,000	10,000	Ohms
Grid to Grid RMS Signal Voltage for Rated Output	50	50	50	Volts
Average Power Input for Rated Output	110	135	170	Mw.
Power Output (Approx.)	1.6	2.0	2.2	Watts
Total Harmonic Distortion (Approx.)	3.0	5.0	10	%

Note: Measurements of input and output power are for a grid circuit impedance of 1300 ohms. per grid.

PHYSICAL SPECIFICATIONS

Style	Glass
Base	Small Shell Cctal 8-Pin
Bulb	ST12
Diameter	1 9/16" Max.
Overall Length	4 1/8" Max.
Seated Height	3 9/16" Max.
Mounting Position	Vertical*

BASE PIN CONNECTIONS

Pin 1 - No Connection
Pin 2 - Positive Filament
Pin 3 - Plate, Section 2
Pin 4 - Grid, Section 2
Pin 5 - Grid, Section 1
Pin 6 - Plate, Section 1
Pin 7 - Negative Filament
Pin 8 - No Connection
RMA Basing No. 7AB-0-0

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