

# 1J6-G HIGH-MU TWIN POWER TRIODE

## GENERAL DATA

### Electrical:

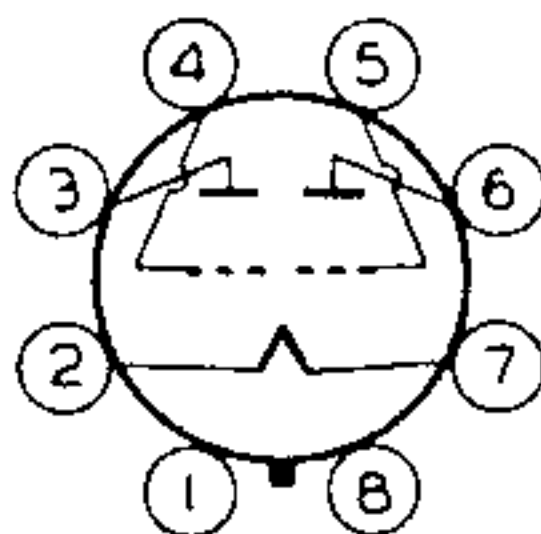
#### Filament, Coated:

Voltage. . . . . 2.0 . . . . . dc volts  
 Current. . . . . 0.24 . . . . . amp

### Mechanical:

Mounting Position. . . . . Vertical; or Horizontal, with  
 plane of pins 1 & 4 vertical  
 Maximum Overall Length . . . . . 4-1/8"  
 Maximum Seated Length. . . . . 3-9/16"  
 Maximum Diameter . . . . . 1-9/16"  
 Bulb . . . . . T-9  
 Base . . . . . Small Shell Octal 8-Pin  
 Basing Designation for BOTTOM VIEW . . . . . G-7AB

Pin 1 - No  
 Connection  
 Pin 2 - Filament (+)  
 Pin 3 - Plate of  
 Unit No.2  
 Pin 4 - Grid of  
 Unit No.2



Pin 5 - Grid of  
 Unit No.1  
 Pin 6 - Plate of  
 Unit No.1  
 Pin 7 - Filament (-)  
 Pin 8 - No  
 Connection

## AF POWER AMPLIFIER - Class B

### Maximum Ratings, Design-Center Values:

PLATE VOLTAGE. . . . . 135 max. volts  
 PEAK PLATE CURRENT (per plate) . . . . . 50 max. ma

### Typical Operation:

*Unless otherwise specified, values are for 2 units*

Plate Voltage. . . . .	135	135	135	volts
Grid Voltage . . . . .	-6	-3	0	volts
AF Grid-to-Grid Volt- age Supply (RMS) • . . . . .	50	50	50	volts
Zero-Signal Plate Current. . . . .	0.2	3.4	10	ma
Max.-Signal Plate Current. . . . .	24	26	30	ma
Effective Load Resistance (plate-to-plate) . . . . .	10000	10000	10000	ohms
Effective Grid-Circuit Imped- ance (per unit). . . . .	1300	1300	1300	ohms
Driving Power. . . . .	110	135	170	mw
Total Harmonic Distortion (Approx.) . . . . .	3	5	10	%
Max.-Signal Power Output . . . . .	1.6	2.0	2.2	watts

• Input to secondary of coupling transformer.