



IJ6-GT

IJ6-GT HIGH-MU TWIN POWER TRIODE

Supersedes type IJ6-G

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 3-7/16"

Maximum Seated Length. 2-7/8"

Maximum Diameter 1-9/32"

Bulb T-9

Base Intermediate-Shell Octal 8-Pin

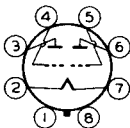
Basing Designation for BOTTOM VIEW G-7AB

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 Voltage 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 Impedance (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 |

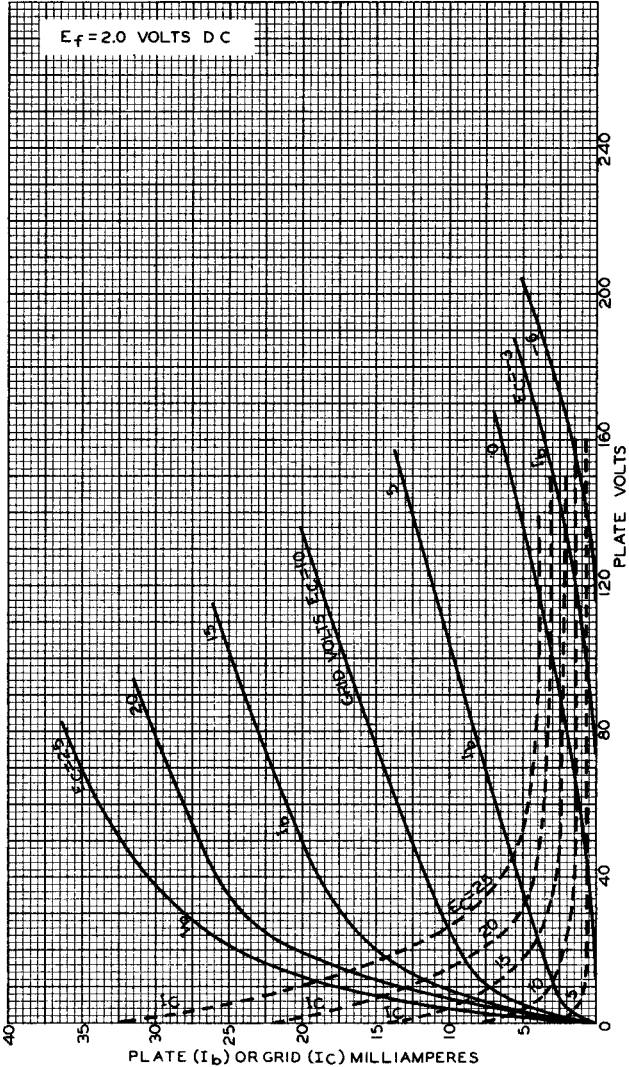
• Input to secondary of coupling transformer.

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AVERAGE PLATE CHARACTERISTICS
EACH TRIODE UNIT



MAR. 8, 1948

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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