6F6-G
POWER PENTODE

GENERAL DATA

Electrical:
Heater, for Unipotential Cathode:
  Voltage ............. 6.3 ............ ac or dc volts
  Current ............. 0.7 ............ amp
Direct Inter electrode Capacitances (Approx.):
  Grid No.1 to plate .......... 0.5 μf
  Grid No.1 to cathode & grid No.3, grid No.2, and heater .......... 8 μf
  Plate to cathode & grid No.3, grid No.2, and heater .......... 6.5 μf

Mechanical:
Mounting Position ....... Any
Maximum Overall Length .......... 4-5/8"
Maximum Seated Length .......... 4-1/16"
Maximum Diameter .......... 1-13/16"
Dimensional Outline ........ See General Section
Bulb .......... ST-14
Base .......... Medium-Shelf Octal 7-Pin (JETEC No. 87-12)
  Basing Designation for BOTTOM VIEW .......... 7S

Pin 1-No Connection
Pin 2-Heater
Pin 3-Plate
Pin 4-Grid No.2
Pin 5-Grid No.1
Pin 7-Heater
Pin 8-Cathode, Grid No.3

Additional data and curves for the 6F6-G are the same as those shown under type 6F6

Without external shield.

Indicates a change.

6F6-GT
POWER PENTODE

GENERAL DATA

Electrical:
Heater, for Unipotential Cathode:
  Voltage ............. 6.3 ............ ac or dc volts
  Current ............. 0.7 ............ amp

Mechanical:
Mounting Position ....... Any
Maximum Overall Length .......... 3-7/16"
Maximum Seated Length .......... 2-7/8"
Maximum Diameter .......... 1-9/32"

12-56
TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY
**6F6-GT**

**POWER PENTODE**

Dimensional Outline. See General Section

- Bulb
- Base: Intermediate-Shell Octal 7-Pin (JETEC No. B7-7), Short Intermediate-Shell Octal 7-Pin (JETEC No. B7-47), Intermediate-Shell Octal 6-Pin (JETEC No. B6-81), or Short Intermediate-Shell Octal 6-Pin with External Barriers (JETEC No. B6-84)

Basing Designation for BOTTOM VIEW: 7S

Pin 1 – No Connection
Pin 2 – Heater
Pin 3 – Plate
Pin 4 – Grid No. 2

Pin 5 – Grid No. 1
Pin 6 – Heater
Pin 7 – Plate
Pin 8 – Cathode, Grid No. 3

Additional data and curves for the 6F6-GT are the same as those shown under type 6F6

*Pin 1 as well as pin 6 is omitted on the 6-pin bases.*