



6B6-G

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DUPLEX-DIODE HIGH-MU TRIODE

Heater ■ Coated Unipotential Cathode
 Voltage 6.3 a-c or d-c volts
 Current 0.3 amp.

Direct Interelectrode Capacitances (Approx.):

Triode Unit:

Grid to Plate 1.7 μf
 Grid to Cathode 1.7 μf
 Plate to Cathode 3.8 μf

Overall Length 4-7/32" to 4-15/32"

Seated Height 3-21/32" to 3-29/32"

Maximum Diameter 1-9/16"

Bulb ST-12

Cap Miniature

Base Small Shell Octal 7-Pin

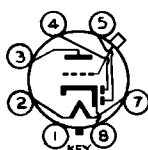
Pin 1 - No Connection Pin 5 - Diode Plate #1

Pin 2 - Heater Pin 7 - Heater

Pin 3 - Triode Plate Pin 8 - Cathode

Pin 4 - Diode Plate #2 Cap - Grid

Mounting Position Any



BOTTOM VIEW (G-7V)

TRIODE UNIT

Plate Voltage 250 max. volts

Characteristics:

Plate 250 volts

Grid -2 volts

Amp. Fact. 100

Plate Res. 91000 ohms

Transcond. 1100 μmhos

Plate Cur. 0.9 ma.

Typical Operation - Class A₁ Amplifier:

Same as Type 75 in RESISTANCE-COUPLED AMPLIFIER CHART

DIODE UNITS - Two

Consideration of these units is given under Type 85. Circuits will be similar to those shown for the 55 with fixed bias. Diode Biasing of the triode unit of the 6B6-G is not suitable.

■ 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.

Diode Curves under Type 6B7 apply to the 6B6-G. The Curves under Type 75 and 6SQ7 also apply to the 6B6-G.

← Indicates a change.

July 1, 1941

RCA RADOTRON DIVISION
 RCA MANUFACTURING COMPANY, INC.

DATA