Replacement Type

TYPE 6C5G
(OCTAL BASE)
GENERAL
PURPOSE TRIODE

The BRIMAR type 6C5G is a small triode suitable for use as detector, oscillator or L.F. amplifier valve.

**RATINGS**

- **Heater Voltage**: 6.3 volts
- **Heater Current**: 0.3 amp.
- **Anode Voltage**: 300 volts max.
- **Anode Dissipation**: 2.5 watts max.

**OPERATING CHARACTERISTICS**

- **Anode Voltage**: 250 volts
- **Anode Current**: 8.0 mA
- **Control Grid Voltage**: -8 volts
- **Mutual Conductance**: 2.0 mA/V
- **Amplification Factor**: 20

**OPERATION AS RESISTANCE COUPLED AMPLIFIER**

- **Anode Supply Voltage**: 90
- **Anode Load Resistor**: 0.1
- **Anode Load Resistor**: 0.1 meg.
- **Cathode Bias Resistor**: 8,000
- **Peak Output**: 22
- **Voltage gain**: 11

**INTER-ELECTRODE CAPACITANCES**

- **Input (Grid to all other electrodes)**: 4.4 pF
- **Output (Anode to all other electrodes)**: 12.0 pF
- **Grid to Anode**: 2.2 pF

*With Pin 1 (Internal Shield) connected to Cathode.*

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Replacement Type

TYPE 6C6
(U.X. BASE)
R.F. PENTODE

**CHARACTERISTICS**

- **Heater Voltage**: 6.3 volts
- **Heater Current**: 0.3 amp.
- **Anode Voltage**: 250 volts
- **Anode Current**: 2.0 mA
- **Screen (g2) Voltage**: 100 volts
- **Screen Current**: 0.5 mA
- **Control Grid (g1) Voltage**: -3 volts
- **Anode Impedance**: 1.0 meg.
- **Mutual Conductance**: 1.2 mA
- **Cut-off Voltage**: -7 volts

For further information on characteristics refer to type 6J7G.

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Replacement Type

TYPE 6D6
(U.X. BASE)
VARI-MU R.F. PENTODE

**CHARACTERISTICS**

- **Heater Voltage**: 6.3 volts
- **Heater Current**: 0.3 amp.
- **Anode Voltage**: 250 volts
- **Anode Current**: 8.2 mA
- **Screen (g2) Voltage**: 100 volts
- **Screen Current**: 2.0 mA
- **Control Grid (g1) Voltage**: -3 volts
- **Anode Impedance**: 0.8 meg.
- **Mutual Conductance**: 1.6 mA/V
- **Cut-off Voltage**: -50 volts

For further information on characteristics refer to type 6J7G.