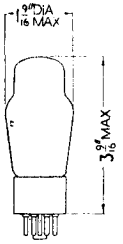
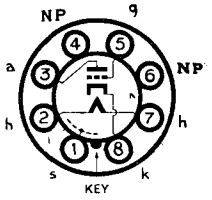


Replacement Type

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	180	300 volts
Anode Load Resistor ...	0.1	0.1	0.1 meg.
Cathode Bias Resistor ...	8,000	6,500	6,000 ohms
Peak Output ...	22	54	84 volts
Voltage gain ...	11	12	13

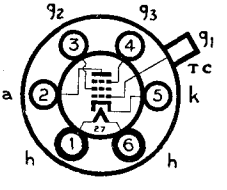
INTER-ELECTRODE CAPACITANCES*

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.*

Replacement Type

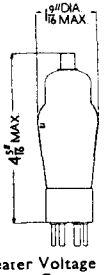
TYPE 6C6 (U.X. BASE) R.F. PENTODE



CHARACTERISTICS

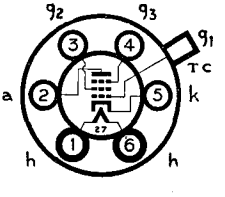
Heater Voltage	6 3 volts
Heater Current	0.3 amp.
Anode Voltage	250 volts
Anode Current	2.0 mA
Screen (g_2) Voltage	100 volts
Screen Current	0.5 mA
Control Grid (g_1) Voltage ...	-3 volts
Anode Impedance	1.0 meg.
Mutual Conductance	1.2mA
Cut-off Voltage	-7 volts

For further information on characteristics refer to type 6J7G.



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 (g_2) Voltage	100 volts
Screen Current	2.0 mA
Control Grid (g_1) 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 6U7G