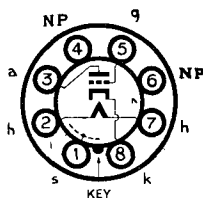


6C5G
6C6
6D6



Replacement Type

TYPE 6C5G (OCTAL BASE) GENERAL PURPOSE TRIODE



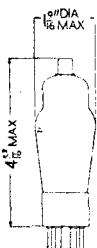
The BRIMAR type 6C5G is a small triode suitable for use as detector, oscillator or L.F. amplifier valve.

RATINGS				
Heater Voltage	...	...	6.3 volts	
Heater Current	...	...	0.3 amp.	
Anode Voltage	...	...	300 volts max.	
Anode Dissipation	...	...	2.5 watts max.	
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

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	

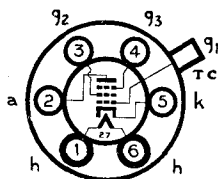
INTER-ELECTRODE CAPACITANCES*				
Input (Grid to all other electrodes)	...	...	4.4 pF	
Output (Anode to all other electrodes)	...	...	12.0 pF	
Grid to Anode	...	...	2.2 pF	

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



Replacement Type

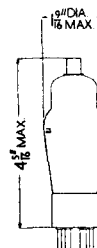
TYPE 6C6 (U.X. BASE) R.F. PENTODE



CHARACTERISTICS

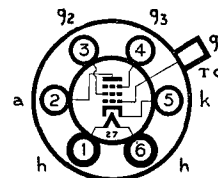
Heater Voltage	...	...	6.3 volts	Screen Current	...	...	0.5 mA
Heater Current	...	...	0.3 amp.	Control Grid (g ₁) Voltage	...	...	-3 volts
Anode Voltage	...	...	250 volts	Anode Impedance	...	...	1.0 meg.
Anode Current	...	...	2.0 mA	Mutual Conductance	...	...	1.2 mA/V
Screen (g ₂) Voltage	...	...	100 volts	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	Screen Current	...	...	2.0 mA
Heater Current	...	...	0.3 amp.	Control Grid (g ₁) Voltage	...	...	-3 volts
Anode Voltage	...	...	250 volts	Anode Impedance	...	...	0.8 meg.
Anode Current	...	...	8.2 mA	Mutual Conductance	...	...	1.6 mA/V
Screen (g ₂) Voltage	...	...	100 volts	Cut-off Voltage	...	...	-50 volts

For further information on characteristics refer to type 6U7G