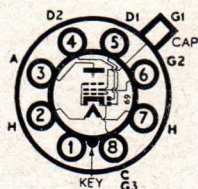


6B8SG
(6G8G)
6C5G



Obsolete Type
For Reference Only
TYPE 6B8SG (6G8G)
(OCTAL BASE)
DOUBLE DIODE
VARI-MU PENTODE



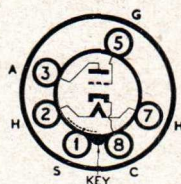
CHARACTERISTICS

Heater Voltage	...	6.3 volts	Screen Current	...	1.4 mA
Heater Current	...	0.3 amp.	Control Grid Voltage	...	-3 volts
Anode Voltage	...	250 volts	Mutual Conductance	...	1.0 mA/V
Anode Current	...	6.5 mA	Anode Impedance	...	0.8 meg.
Screen (G2) Voltage	...	100 volts	Control Grid Voltage	...	-40 volts *

* For Mutual Conductance of 0.005 mA./V.



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
Output (Anode to all other electrodes)	...	12.0 pF
Grid to Anode	...	2.2 pF

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