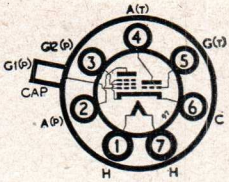
Replacement Types

TYPES
6F7, 6F7E, 6F7B
(U.X. BASE)
TRIODE PENTODES

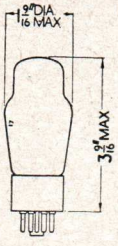


CHARACTERISTICS

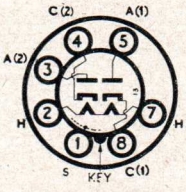
Heater Voltage ... ... 6.3 volts Heater Current ... ... 0.3 amp.

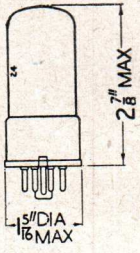
	TRIODE SECTION	PENTODE SECTION		
Anode Voltage	100	100	250	volts
Anode Current	3.5	6.3	6.5	mA
Screen (G2p) Voltage	–	100	100	volts
Screen Current	–	1.6	1.5	mA
Control Grid Voltage	–3	–3	–3	volts
Anode Impedance	0.02	0.30	0.85	meg.
Mutual Conductance	0.53	1.05	1.10	mA/V
Amplification Factor	8.5	300	900	

TYPES 6H6G, 6H6GT
(OCTAL BASE)



6H6G.





6H6GT.

DOUBLE DIODES

The BRIMAR types 6H6G, 6H6GT are indirectly heated double diode valves in which the two sections are entirely separate and screened from each other. With the exception of the heater, all connections are brought out to individual base pins.

RATINGS

Heater Voltage	6.3 volts
Heater Current	0.3 amp.
Peak Inverse Voltage	420 volts max.
Peak Anode Current (each Anode)	48 mA max.
D.C. Heater-Cathode Voltage	330 volts max.

OPERATION AS RECTIFIER

	HALF WAVE	FULL WAVE	
R.M.S. Input per Anode	117	117	volts max.
Supply Impedance per Anode	30	15	ohms min.
Rectified Current	8	8	mA max.

INTER-ELECTRODE CAPACITANCES*

	6H6G	6H6GT	
Anode (1) to Cathode (1)	3.0	3.1	pF
Anode (2) to Cathode (2)	3.4	4.0	pF
Anode (1) to Anode (2)	0.1	0.1	pF max.

* *With close fitting shield connected to Cathode.*

For characteristic curves refer to type 6AL5.