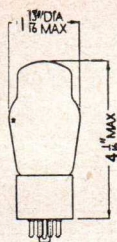
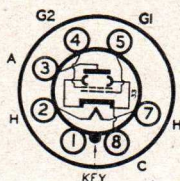


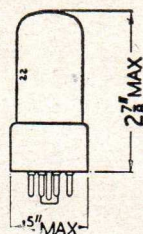
TYPES 6V6G, 6V6GT (OCTAL BASE)



6V6G.



OUTPUT BEAM TETRODES



6V6GT.

The BRIMAR types 6V6G, 6V6GT are indirectly heated beam tetrodes for use in the output stages of radio receivers. The aligned grid construction together with the confining plates employed in these valves ensure high efficiency and very low screen current.

RATINGS

Heater Voltage	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	0.45 amp.
Anode Voltage	...	...	...	...	...	315 volts max.
Anode Dissipation	...	...	...	...	...	12 watts max.
Screen (G2) Voltage	...	...	...	...	...	285 volts max.
Screen Dissipation	...	...	...	...	...	2.0 watts max.

OPERATING CHARACTERISTICS

	Single Valve Class A		Push Pull Class AB1 (2 valves)	
Anode Voltage	180	250	285	volts
Anode Current (Zero Signal)	29	45	70	mA
Anode Current (Max. Signal)	30	47	92	mA
Screen Voltage	180	250	285	volts
Screen Current (Zero Signal)	3.0	4.5	4.0	mA
Screen Current (Max. Signal)	4.0	7.0	13.5	mA
Control Grid (G1) Voltage	-8.5	-12.5	-19	volts
Cathode Bias Resistor	250	240	250	ohms
Anode Impedance	58,000	52,000	—	ohms
Mutual Conductance	3.7	4.1	—	mA/V
Optimum Load	5,500	5,000	8,000	ohms
Power Output	2.0	4.5	14	watts
Harmonic Distortion	8	8	3.5	per cent.

INTER-ELECTRODE CAPACITANCES

Input (Control Grid to all except Anode)	...	...	...	10.5 pF
Output (Anode to all except Control Grid)	...	...	...	9.2 pF
Control Grid to Anode	...	...	...	1.2 pF
Heater to Cathode	...	...	...	6.0 pF

For characteristic curves refer to type 7C5.