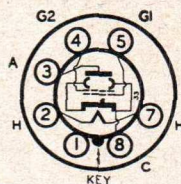


TYPE 12A6 (OCTAL BASE) OUTPUT BEAM TETRODE



The BRIMAR type 12A6 is an indirectly heated output beam tetrode of high efficiency for use in car radio or A.C./D.C. receivers, where the supply exceeds 110 volts.

RATINGS

Heater Voltage	...	...	...	...	...	...	12.6 volts
Heater Current	...	...	...	...	...	...	0.15 amp.
Anode Voltage	...	...	...	...	...	...	250 volts max.
Anode Dissipation	...	...	...	...	...	...	7.5 watts max.
Screen (G2) Voltage	...	...	...	...	...	...	250 volts max.
Screen Dissipation	...	...	...	...	...	...	1.5 watts max.

OPERATING CHARACTERISTICS (CLASS "A")

Anode Voltage	...	...	...	...	180	250	volts
Anode Current	...	...	...	...	21	30	mA
Screen Voltage	...	...	...	...	180	250	volts
Screen Current	...	...	...	...	2.6	3.5	mA
Control Grid (G1) Voltage	...	...	...	...	-8.5	-12.5	volts
Cathode Bias Resistor	...	...	...	...	350	350	ohms
Anode Impedance	...	...	...	...	92,000	70,000	ohms
Mutual Conductance	...	...	...	...	2.7	3.0	mA/V
Optimum Load	...	...	...	...	8,000	7,500	ohms
Power Output	...	...	...	...	1.6	2.8	watts
Harmonic Distortion	...	...	...	...	7	7	per cent.

INTER-ELECTRODE CAPACITANCES

Input (Control Grid to all except Anode)	...	...	...	...	9.0	pF
Output (Anode to all except Control Grid)	...	...	...	...	9.0	pF
Control Grid to Anode	...	...	...	...	0.3	pF

