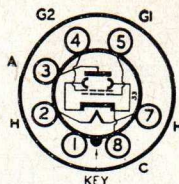


TYPE **35L6GT**
(OCTAL BASE)
OUTPUT BEAM
TETRODE



RATINGS

The BRIMAR type 35L6GT is an indirectly heated beam tetrode for use in the output stages of A.C./D.C. equipments where the operating voltages are low.

Heater Voltage	...	...	...	...	...	...	35 volts
Heater Current	...	...	...	...	...	...	0.15 amp.
Anode Voltage	...	...	...	...	...	...	200 volts max.
Anode Dissipation	...	...	...	...	...	...	8.5 watts max.
Screen (G2) Voltage	...	...	...	...	...	...	110 volts max.
Screen Dissipation	...	...	...	...	...	...	1.0 watt max.

OPERATING CHARACTERISTICS

Anode Voltage	...	...	...	...	110	200	volts
Anode Current	...	...	...	...	40	41	mA
Screen Voltage	...	...	...	...	110	110	volts
Screen Current (Zero Signal)	...	...	...	...	3.0	2.0	mA
Screen Current (Max. Signal)	...	...	...	...	7	7	mA
Control Grid (G1) Voltage	...	...	...	...	-7.5	-8	volts
Cathode Bias Resistor	...	...	...	...	170	185	ohms
Anode Impedance	...	...	...	...	14,000	40,000	ohms
Mutual Conductance	...	...	...	...	5.8	5.9	mA/V
Optimum Load	...	...	...	...	2,500	4,500	ohms
Power Output	...	...	...	...	1.5	3.3	watts
Harmonic Distortion	...	...	...	...	10	10	percent.

INTER-ELECTRODE CAPACITANCES (Approx.)

Input (Control Grid to all except Anode)	...	...	...	...	14	pF
Output (Anode to all except Control Grid)	...	...	...	...	8.5	pF
Control Grid to Anode	...	...	...	...	1.0	pF

35L6GT

