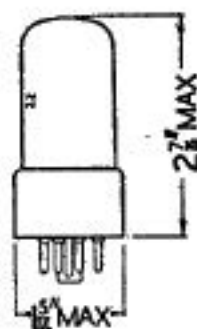


## 25L6GT



Current Equipment Type

**TYPE 25L6GT**  
(OCTAL BASE)  
OUTPUT  
BEAM TETRODE



The BRIMAR type 25L6GT is an indirectly heated beam power tetrode suitable for series heater operation.

Heater Voltage	...	...	...	...	...	...	...	...	25 volts
Heater Current	...	...	...	...	...	...	...	...	0.3 amp.

### RATINGS

Anode Voltage	...	...	...	...	...	...	...	200 volts max.
Screen Voltage	...	...	...	...	...	...	...	125 volts max.
Anode Dissipation	...	...	...	...	...	...	...	10 watts max.
Screen Input	...	...	...	...	...	...	...	1.25 watts max.
Peak Heater-Cathode Voltage (Heater Negative)	...	...	...	...	...	...	...	90 volts max.
(Heater Positive)	...	...	...	...	...	...	...	90 volts max.
Control Grid Circuit Resistance (Fixed Bias)	...	...	...	...	...	...	...	0.1 M $\Omega$ max.
(Auto Bias)	...	...	...	...	...	...	...	0.5 M $\Omega$ max.

### CHARACTERISTICS

Anode Voltage	...	...	...	...	110	200 volts
Screen Voltage	...	...	...	...	110	125 volts
Control Grid Voltage	...	...	...	...	-7.5	— volts
Cathode Bias Resistor	...	...	...	...	—	180 ohms
Peak A.F. Grid 1 Voltage	...	...	...	...	7.5	8.5 volts
Anode Current (Zero Signal)	...	...	...	...	49	46 mA
(Max. Signal)	...	...	...	...	50	47 mA
Screen Current (Zero Signal)	...	...	...	...	4	2.2 mA
(Max. Signal)	...	...	...	...	10	8.5 mA
Anode Impedance (approx.)	...	...	...	...	13,000	28,000 ohms
Mutual Conductance	...	...	...	...	8	8 mA/V
Optimum Load	...	...	...	...	2,000	4,000 ohms
Total Harmonic Distortion	...	...	...	...	10	10 per cent.
Power Output	...	...	...	...	2.1	3.8 watts

### INTER-ELECTRODE CAPACITANCES†

Control Grid to Anode	...	...	...	...	...	...	0.8 pF
Input	...	...	...	...	...	...	15 pF
Output	...	...	...	...	...	...	10 pF

† Measured with no external shield.

Type 25L6GT is a commercial equivalent of the CV553.

