THE 6DG6GT IS A HEATER-CATHODE TYPE BEAM PENTODE POWER AMPLIFIER DESIGNED PRIMARILY FOR USE AS AN OUTPUT TUBE IN AUDIO APPLICATIONS.

RATINGS
INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

- HEATER VOLTAGE: 6.3 VOLTS
- MAXIMUM PLATE VOLTAGE: 200 VOLTS
- MAXIMUM GRID #2 VOLTAGE: 125 VOLTS
- MAXIMUM PLATE DISSIPATION: 10 WATTS
- MAXIMUM GRID #2 DISSIPATION: 1.25 WATTS
- MAXIMUM GRID #1 CIRCUIT RESISTANCE:
  - CATHODE-BIAS: 0.5 MEGOHM
  - FIXED-BIAS: 0.1 MEGOHM
- MAXIMUM HEATER-CATHODE VOLTAGE: 90 VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS
CLASS A1 AMPLIFIER

- HEATER VOLTAGE: 6.3 VOLTS
- HEATER CURRENT: 1.2 AMP.
- PLATE VOLTAGE: 110 VOLTS
- GRID #2 VOLTAGE: 110 VOLTS
- GRID #1 VOLTAGE: ~7.5 VOLTS
- CATHODE BIAS RESISTOR: 0 OHMS
- PEAK AF GRID #1 VOLTAGE: 7.5 VOLTS
- ZERO-SIGNAL PLATE CURRENT: 49 MA.
- MAX.-SIGNAL PLATE CURRENT: 50 MA.
- ZERO-SIGNAL GRID #2 CURRENT: 4 MA.
- MAX.-SIGNAL GRID #2 CURRENT: 10 MA.
- PLATE RESISTANCE (APPROX.): 13,000 OHMS
- TRANSCONDUCTANCE: 8,000 μMhos
- LOAD RESISTANCE: 2,000 OHMS
- TOTAL HARMONIC DISTORTION: 10 PERCENT
- MAX.-SIGNAL POWER OUTPUT: 2.1 WATTS

SIMILAR TYPE REFERENCE: 6DG6G.