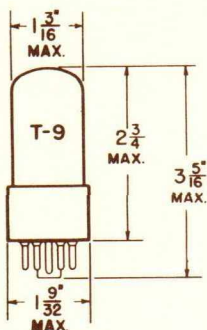


TUNG-SOL

BEAM PENTODE



GLASS BULB

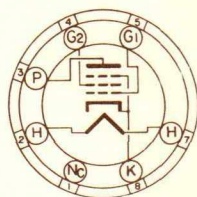
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 1.2 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW
INTERMEDIATE SHELL
7 PIN OCTAL
OR
6 PIN OCTAL
PIN #1 NO CONNECTION
OR OMITTED

75

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	200	VOLTS
GRID #2 VOLTAGE	110	125	VOLTS
GRID #1 VOLTAGE	-7.5	0	VOLTS
CATHODE BIAS RESISTOR	0	180	OHMS
PEAK AF GRID #1 VOLTAGE	7.5	8.5	VOLTS
ZERO—SIGNAL PLATE CURRENT	49	46	MA.
MAX.—SIGNAL PLATE CURRENT	50	47	MA.
ZERO—SIGNAL GRID #2 CURRENT	4	2.2	MA.
MAX.—SIGNAL GRID #2 CURRENT	10	8.5	MA.
PLATE RESISTANCE (APPROX.)	13 000	28 000	OHMS
TRANSCONDUCTANCE	8 000	8 000	μMHOS
LOAD RESISTANCE	2 000	4 000	OHMS
TOTAL HARMONIC DISTORTION	10	10	PERCENT
MAX.—SIGNAL POWER OUTPUT	2.1	3.8	WATTS

SIMILAR TYPE REFERENCE: 6DG6G.

