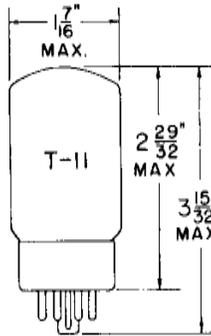


TUNG-SOL

PENTODE



GLASS BULB

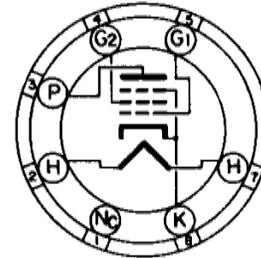
COATED UNIPOTENTIAL CATHODE

HEATER

6.3 VOLTS 0.9 AMP.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

SHORT INTERMEDIATE
SHELL 7 PIN
LOW LOSS PHENOLIC

75

THE 6L6WGB IS A RUGGEDIZED BEAM PENTODE OF THE SINGLE ENDED CONSTRUCTION USED PRIMARILY IN AUDIO POWER OUTPUT STAGES. IT IS ELECTRICALLY EQUIVALENT TO TYPES 6L6 AND 6L6G, EXCEPT THAT PLATE AND SCREEN DISSIPATIONS HAVE BEEN INCREASED APPROXIMATELY 20%. THE USE OF SPECIALLY COATED GRIDS AND ANODES GREATLY INCREASES ITS ABILITY TO WITHSTAND OVERLOAD CONDITIONS FOR SHORT PERIODS OF TIME AND PROVIDES IMPROVEMENT IN CONTINUITY OF SERVICE. THE 6L6WGB EMPLOYS A MICANOL BARRIER BASE WHICH ABSORBS LESS MOISTURE AND REDUCES THE CHANCE OF VOLTAGE BREAKDOWN BETWEEN ADJACENT PINS. SINCE THIS TUBE MUST BE ABLE TO WITHSTAND SEVERE MECHANICAL TESTS TO MEET TEST SPECIFICATIONS, THE 6L6WGB IS ESPECIALLY SUITED FOR USE IN INDUSTRIAL AND MILITARY EQUIPMENT WHICH MAY BE SUBJECTED TO SEVERE SHOCK AND VIBRATION, SUCH AS AIRBORNE EQUIPMENT.

DIRECT INTERELECTRODE CAPACITANCES

	WITHOUT SHIELD	
GRID TO PLATE (RATED)	0.9	$\mu\mu\text{f}$
INPUT (RATED)	11.5	$\mu\mu\text{f}$
OUTPUT (RATED)	9.5	$\mu\mu\text{f}$

RATINGS

ABSOLUTE MAXIMUM VALUES

HEATER VOLTAGE	6.3 \pm 10%	VOLTS
MAXIMUM DC PLATE VOLTAGE	400	VOLTS
MAXIMUM DC GRID #2 VOLTAGE	300	VOLTS
MAXIMUM PLATE DISSIPATION	26	WATTS
MAXIMUM GRID #2 DISSIPATION	3.5	WATTS
MAXIMUM HEATER CATHODE VOLTAGE	\pm 200	VOLTS
MAXIMUM ALTITUDE	10 000	FEET
MAXIMUM SHOCK	450	G

CONTINUED ON FOLLOWING PAGE