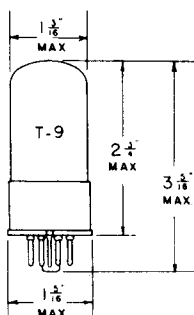


TUNG-SOL

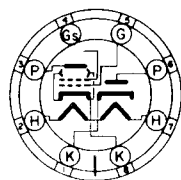

RECTIFIER
BEAM POWER AMPLIFIER

UNIPOTENTIAL CATHODES

 HEATER
 32.5 VOLTS 0.3 AMPERE
 AC OR DC

GLASS BULB

8 PIN OCTAL BASE



8F

BOTTOM VIEW

THE TUNG-SOL 32L7GT COMBINES A HALF WAVE POWER RECTIFIER AND OUTPUT POWER AMPLIFIER IN A SINGLE BULB. IT IS DESIGNED FOR SERVICE IN AC-DC RECEIVERS.

OPERATING CONDITIONS AND CHARACTERISTICS

AMPLIFIER SECTION - CLASS A₁

PLATE VOLTAGE	90	90	VOLTS
SCREEN VOLTAGE	90	90	VOLTS
CONTROL GRID VOLTAGE	-5	-7	VOLTS
PLATE CURRENT	38	27	MA.
SCREEN CURRENT	3.0	2.0	MA.
PLATE RESISTANCE	15 000	17 000	OHMS
TRANSCONDUCTANCE	6800	4800	μMHOS
AMPLIFICATION FACTOR	90	81	
LOAD RESISTANCE	2600	2600	OHMS
TOTAL HARMONIC DISTORTION	5.3	9.0	PER CENT
SECOND HARMONIC DISTORTION	2.2	6.5	PER CENT
THIRD HARMONIC DISTORTION	4.6	5.5	PER CENT
POWER OUTPUT	0.8	1.0	WATT

NOTE: THE GRID CIRCUIT RESISTANCE SHOULD NOT EXCEED 0.5 MEGOHM.

RECTIFIER SECTION

AC PLATE VOLTAGE	125 MAX.	VOLTS
DC OUTPUT CURRENT	60 MAX.	MA.