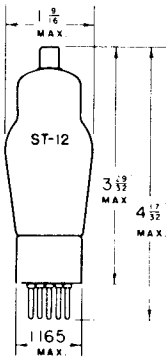


TUNG-SOL



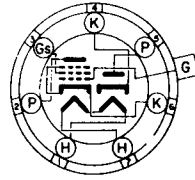
RECTIFIER
PENTODE POWER AMPLIFIER

UNIPOENTIAL CATHODES

HEATER
 12.6 VOLTS 0.3 AMPERE
 AC OR DC

GLASS BULB

SMALL 7 PIN BASE



BOTTOM VIEW

THE TUNG-SOL 12A7 COMBINES A HALF-WAVE RECTIFIER AND OUTPUT POWER AMPLIFIER IN A SINGLE BULB. IT IS DESIGNED FOR SERVICE IN AC - DC RECEIVERS.

OPERATING CONDITIONS AND CHARACTERISTICS

PENTODE UNIT - CLASS A₁ AMPLIFIER

PLATE VOLTAGE	135	VOLTS
SCREEN VOLTAGE	135	VOLTS
CONTROL GRID VOLTAGE	-13.5	VOLTS
PLATE CURRENT	9.0	MA.
SCREEN CURRENT	2.5	MA.
PLATE RESISTANCE	102 000	OHMS
TRANSCONDUCTANCE	975	μMHMS
AMPLIFICATION FACTOR	100	
LOAD RESISTANCE	13 500	OHMS
POWER OUTPUT	0.55	WATT

RECTIFIER UNIT

AC VOLTAGE PER PLATE (RMS)	125 MAX.	VOLTS
DC OUTPUT CURRENT	30 MAX.	MA.