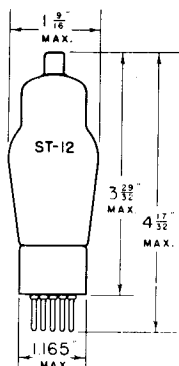


TUNG-SOL



CLASS B TWIN TRIODE AMPLIFIER

UNIPOTENTIAL CATHODE

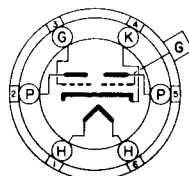
HEATER

6.3 VOLTS 0.6 AMPERE

AC OR DC

GLASS BULB

SMALL 6 PIN BASE



6H

BOTTOM VIEW

THE TUNG-SOL 79 COMBINES TWO TRIODES WITH A COMMON CATHODE IN A SINGLE BULB. IT IS DESIGNED FOR SERVICE AS A CLASS B POWER AMPLIFIER, VOLTAGE AMPLIFIER OR PHASE INVERTER. WITH THE EXCEPTION OF CAPACITANCES ITS RATINGS AND CHARACTERISTICS ARE IDENTICAL WITH THOSE OF THE 6Y7G.

OPERATING CONDITIONS AND CHARACTERISTICS

PLATE VOLTAGE ^{MAX.}	250	VOLTS
PEAK PLATE CURRENT PER PLATE ^{MAX.}	90	MA.
AVERAGE PLATE DISSIPATION ^{MAX.}	11.5	WATTS

CLASS B₂ AMPLIFIER

PLATE VOLTAGE	180	250 ^{MAX.}	VOLTS
GRID BIAS	0	0	VOLTS
ZERO-SIGNAL PLATE CURRENT PER PLATE	3.8	5.3	MA.
EFFECTIVE LOAD RESISTANCE ^{PLATE TO PLATE}	7000	14 000	OHMS
AVERAGE POWER INPUT ^{GRID TO GRID}	380	380	MILLIWATTS
POWER OUTPUT	5.5	8.0	WATTS

RESISTANCE COUPLED AMPLIFIER AND PHASE INVERTER

PLATE SUPPLY VOLTAGE	100	100	250	250	VOLTS
PLATE LOAD RESISTOR	0.1	0.5	0.1	0.5	MEG OHM
CATHODE RESISTOR	2000	6000	1200	3000	OHMS
VOLTAGE GAIN	30	35	35	43	