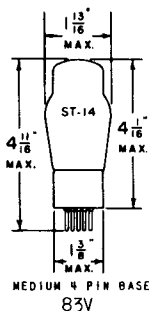


TUNG-SOL

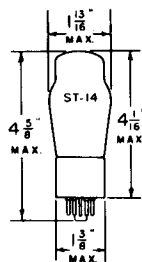


MEDIUM 4 PIN BASE
83V

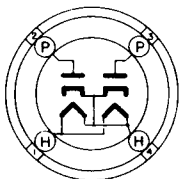
**FULL WAVE
HIGH VACUUM RECTIFIER**

UNIPOTENTIAL CATHODE

HEATER
5.0 VOLTS 2.0 AMPERES
AC



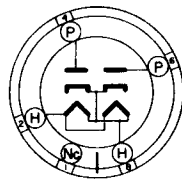
MEDIUM 5 PIN OCTAL BASE
5V4G



4L

BOTTOM VIEW

GLASS BULB



G-5L

BOTTOM VIEW

THE TUNG-SOL 5V4G AND 83V ARE POWER RECTIFIERS WITH LOW INTERNAL VOLTAGE DROPS. THEY ARE DESIGNED FOR SERVICE IN AC OPERATED RECEIVERS THAT REQUIRE HIGH CURRENTS. THEIR RATINGS AND ELECTRICAL CHARACTERISTICS ARE IDENTICAL.

RATINGS

MAXIMUM PEAK INVERSE VOLTAGE	1400	VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT PER PLATE	525	MA.

OPERATING CONDITIONS AND CHARACTERISTICS

FULL WAVE RECTIFIER WITH CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS) ^{MAX.}	375	VOLTS
DC OUTPUT CURRENT ^{MAX.}	175	MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE PER PLATE ^{MIN.A}	65	OHMS

FULL WAVE RECTIFIER WITH CHOKE INPUT TO FILTER

AC PLATE VOLTAGE PER PLATE (RMS) ^{MAX.}	500	VOLTS
DC OUTPUT CURRENT ^{MAX.}	175	MA.
VALUE OF INPUT CHOKE ^{MIN.}	4.0	HENRYS
TUBE VOLTAGE DROP	23	VOLTS

AT 175 MA. PER PLATE

^A WHEN FILTER CONDENSERS LARGER THAN 40 μFDS ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

FOR "INTERPRETATION OF RATINGS", REFER TO FRONT OF BOOK.

CONTINUED NEXT PAGE

83V (5V4G)

