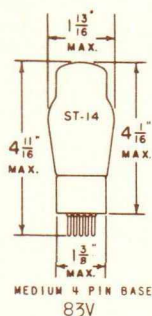


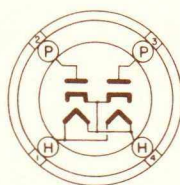
TUNG-SOL



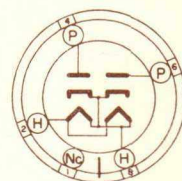
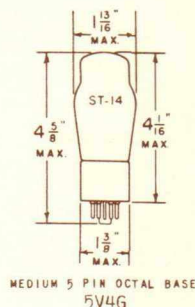
FULL WAVE
HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE

HEATER
5.0 VOLTS 2.0 AMPERES
AC



BOTTOM VIEW



BOTTOM VIEW

GLASS BULB

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. ^A	4.0	HENRYS
TUBE VOLTAGE DROP AT 175 MA. PER PLATE	23	VOLTS

^A

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

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

CONTINUED NEXT PAGE

5V4G (83V)

