HALF WAVE
HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE
HEATER
6.3 VOLTS  0.3 AMPERE
AC OR DC

GLASS BULB

SMALL 4 PIN BASE

THE TUNG-SOL 1V IS DESIGNED FOR SERVICE IN EITHER STORAGE BATTERY, AC OR
AC - DC OPERATED RECEIVERS.

RATINGS

MAXIMUM DC HEATER TO CATHODE POTENTIAL  500 VOLTS
MAXIMUM PEAK INVERSE VOLTAGE            1000 VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT  270 MA.

OPERATING CONDITIONS AND CHARACTERISTICS

HALF WAVE RECTIFIER

CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE (RMS)  117  150  325 MAX. VOLTS
DC OUTPUT CURRENT MAX.  45  45  45 MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE  0  30  75 OHMS

TUBE VOLTAGE DROP

AT 90 MA. PLATE CURRENT  20 VOLTS

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

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