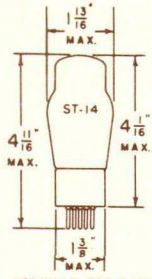
# TUNG-SOL



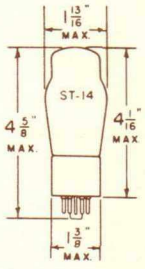

MEDIUM 4 PIN BASE
83V

## FULL WAVE
## HIGH VACUUM RECTIFIER

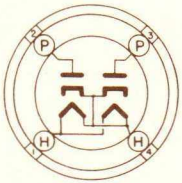
UNIPOTENTIAL CATHODE

HEATER
5.0 VOLTS 2.0 AMPERES
AC

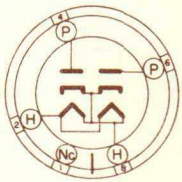
GLASS BULB




MEDIUM 5 PIN OCTAL BASE
5V4G




4L
BOTTOM VIEW




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

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

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PLATE 699-2

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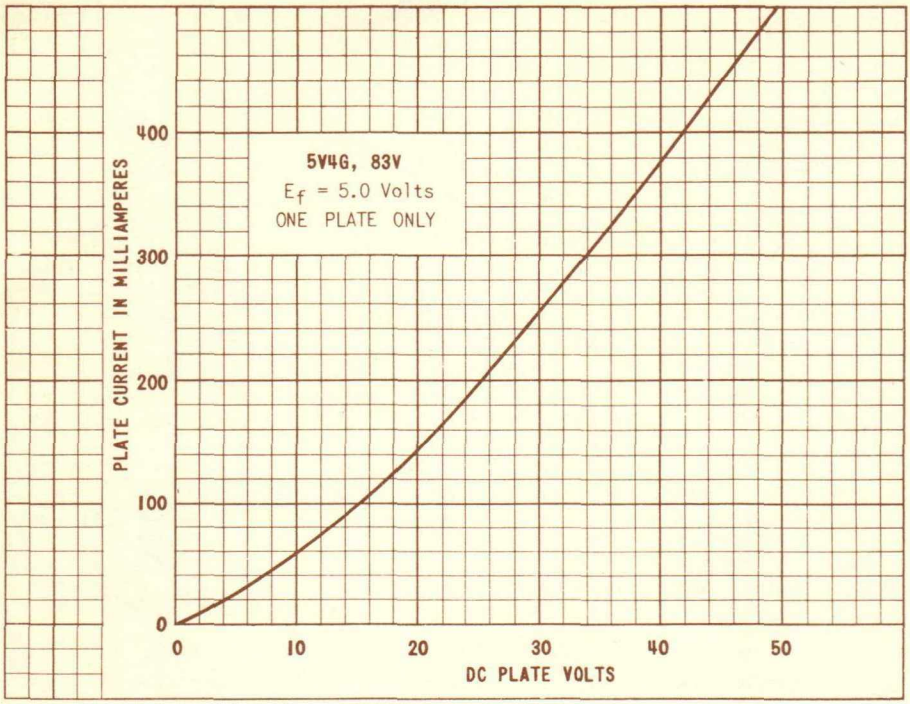
# 5V4G (83V)



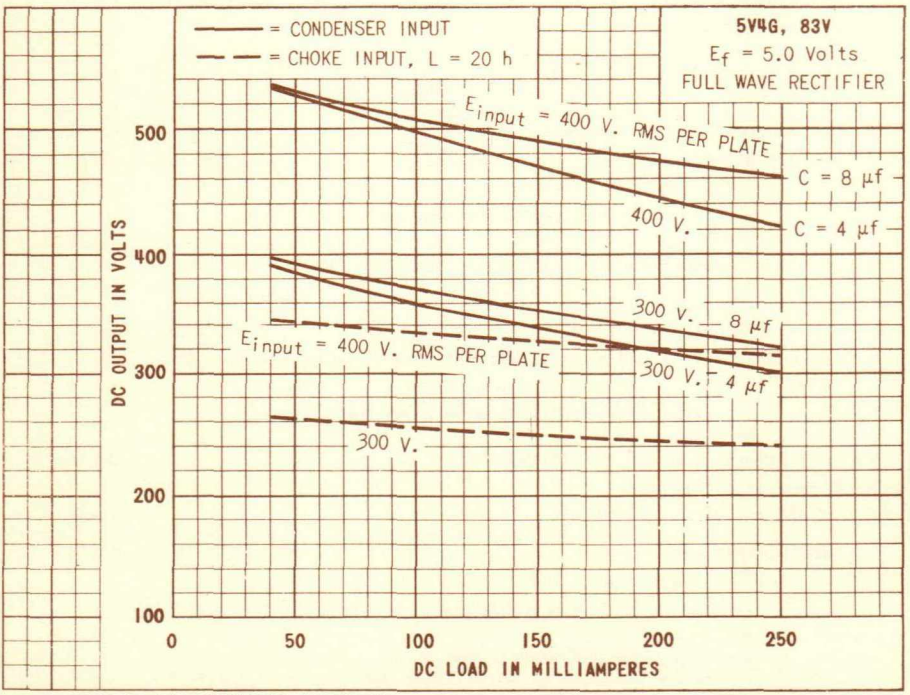




PLATE 700-1

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