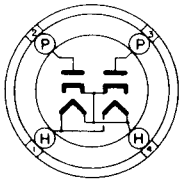
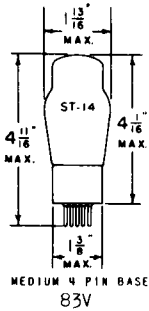


TUNG-SOL



4L

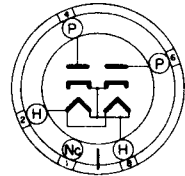
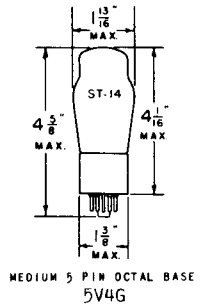
BOTTOM VIEW

FULL WAVE
HIGH VACUUM RECTIFIER

UNIPOTENTIAL CATHODE

HEATER

5.0 VOLTS 2.0 AMPERES
AC



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 ^{MIR.^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 ^{MIR.^A} | 4.0 | HENRYS |
| TUBE VOLTAGE DROP | 23 | VOLTS |

AT 175 MA. PER PLATE

^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)

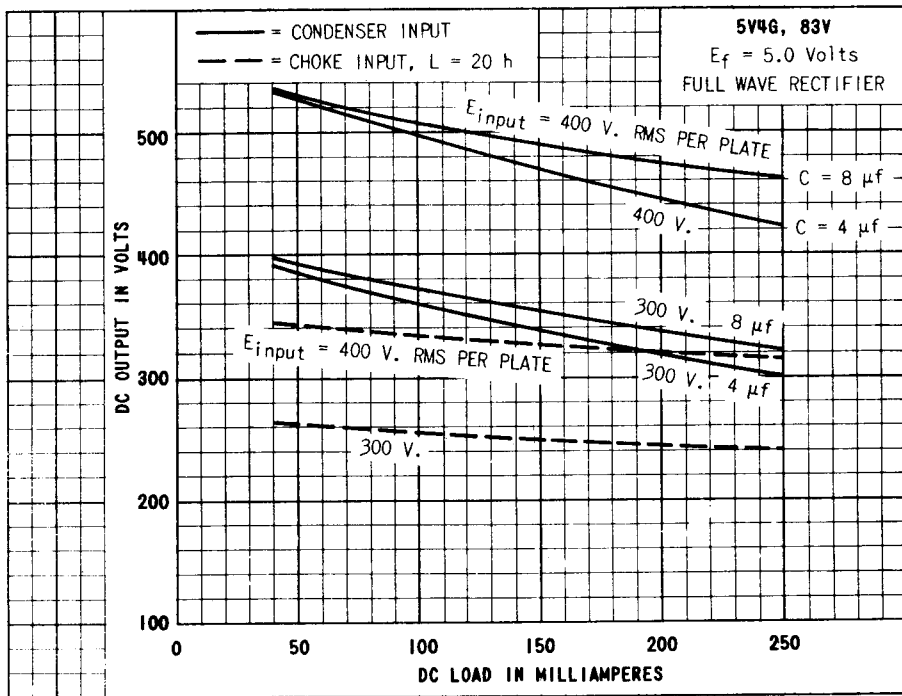
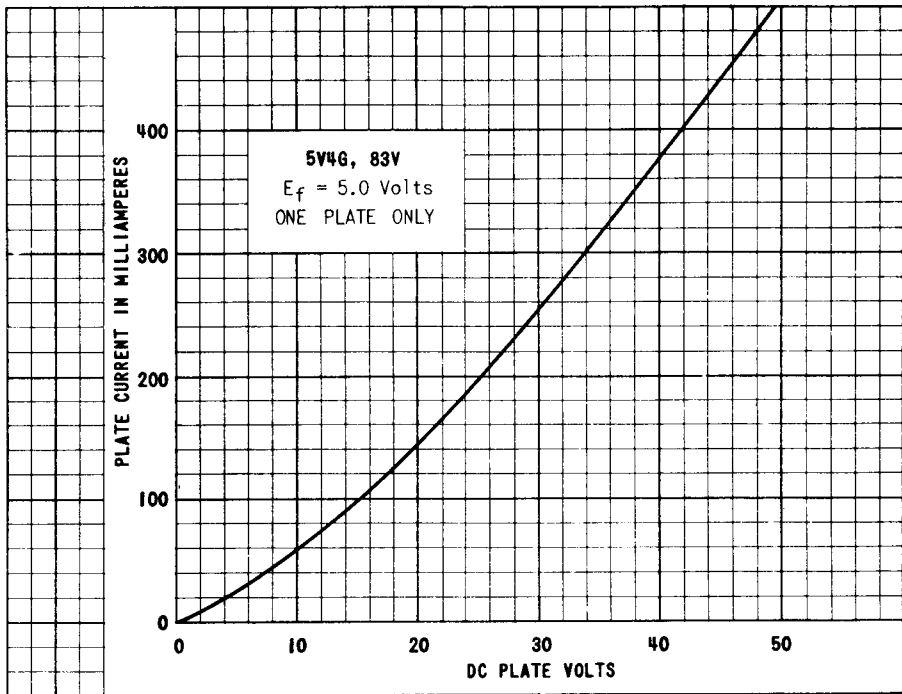


PLATE
700-1