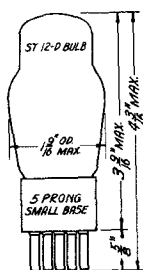


84-6Z4

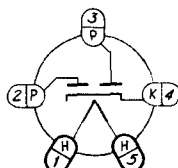
RAYTHEON

84-6Z4

TWIN DIODE  
FULL WAVE HIGH VACUUM RECTIFIER  
Heater Type Glass Bulb



The 84/6Z4 is a full wave high vacuum type rectifier tube designed for service in power supplies for storage battery or a-c operated receivers.



BOTTOM VIEW OF SOCKET

FULL WAVE RECTIFIER  
Condenser or Choke Input Filter

|                                                |      |       |
|------------------------------------------------|------|-------|
| Heater Voltage (a-c or d c)                    | 6.3  | volts |
| Heater Current                                 | 0.5  | amp   |
| Maximum A-C Voltage per Plate (RMS)            | 350  | volts |
| Maximum Inverse Peak Voltage                   | 1000 | volts |
| Maximum D-C Output Current                     | 60   | ma    |
| Maximum D-C Voltage between Heater and Cathode | 500  | volts |

HALF WAVE RECTIFIER (Plates in Parallel)  
Condenser or Choke Input Filter

|                                                |      |       |
|------------------------------------------------|------|-------|
| Heater Voltage                                 | 6.3  | volts |
| Heater Current                                 | 0.5  | amp   |
| Maximum A-C Plate Voltage (RMS)                | 350  | volts |
| Maximum Inverse Peak Voltage                   | 1000 | volts |
| Maximum D-C Output Current                     | 75   | ma    |
| Maximum D-C Voltage between Heater and Cathode | 500  | volts |

|                                                                   |    |       |
|-------------------------------------------------------------------|----|-------|
| AVERAGE TUBE VOLTAGE DROP<br>(At 75 ma. output current per plate) | 22 | volts |
|-------------------------------------------------------------------|----|-------|

AVERAGE OUTPUT CHARACTERISTICS  
 $E_f = 6.3V$

84/6Z4

AVERAGE PLATE CHARACTERISTIC  
(EACH PLATE)  
 $E_f = 6.3V$

