



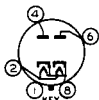
5Z4



5Z4

FULL-WAVE HIGH-VACUUM RECTIFIER

| | | |
|------------------------|-----------------------------|--------------------------|
| Heater | Coated Unipotential Cathode | |
| Voltage | 5.0 | a-c volts |
| Current | 2.0 | amp. |
| Maximum Overall Length | | 3-1/4" |
| Maximum Seated Height | | 2-11/16" |
| Maximum Diameter | | 1-5/16" |
| Bulb | | Metal Shell, MT-8 |
| Base | | Small Wafer Octal 5-Pin |
| Pin 1 - Shell | | Pin 6 - Plate #1 |
| Pin 2 - Heater | | Pin 8 - Heater & Cathode |
| Pin 4 - Plate #2 | | |
| Mounting Position | | Any |



BOTTOM VIEW (5L)

FULL-WAVE RECTIFIER

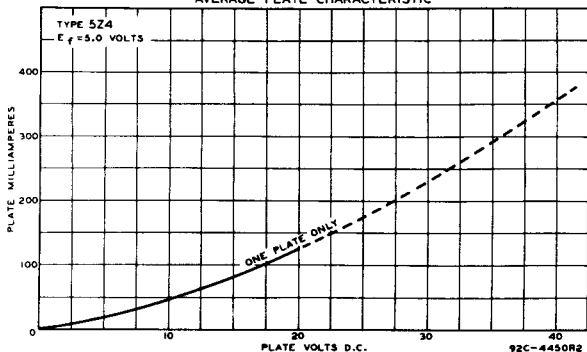
| | |
|--|-----------------|
| Peak Inverse Voltage | 1400 max. volts |
| Peak Plate Current per Plate | 375 max. ma. |
| <i>With Condenser-Input Filter:</i> | |
| A-C Plate Voltage per Plate (RMS) | 350 max. volts |
| Total Effective Plate-Supply Impedance per Plate ▲ | 50 min. ohms |
| D-C Output Current | 125 max. ma. |
| <i>With Choke-Input Filter:</i> | |
| A-C Plate Voltage per Plate (RMS) | 500 max. volts |
| Input-Choke Inductance | 5 min. henries |
| D-C Output Current | 125 max. ma. |

▲ When a filter-input condenser larger than 40 μ f is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

HALF-WAVE RECTIFIER

As a half-wave rectifier, the 5Z4 may be operated with plates connected in parallel at the socket. Two 5Z4's so connected in a full-wave circuit will deliver twice the d-c output current obtainable from one tube. In this service the allowable voltage and load conditions per tube are the same as for full-wave service.

← Indicates a change.

AVERAGE PLATE CHARACTERISTIC

Sept. 2, 1941

RCA RADITRON DIVISION
RCA MANUFACTURING COMPANY, INC.

DATA



OPERATION CHARACTERISTICS

