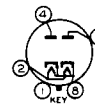
5Z4

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 &
Pin 4 - Plate #2		Cathode
Mounting Position		Any



BOTTOM VIEW (5L)

FULL-WAVE RECTIFIER

Peak Inverse Voltage	1400 max. volts
Peak Plate Current per Plate	375 max. ma.
With Condenser-Input Filter:	
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.
With Choke-Input Filter:	
A-C Plate Voltage per Plate (RMS)	500 max. volts
Input-Choke Inductance	5 min. henries
D-C Output Current	125 max. ma.

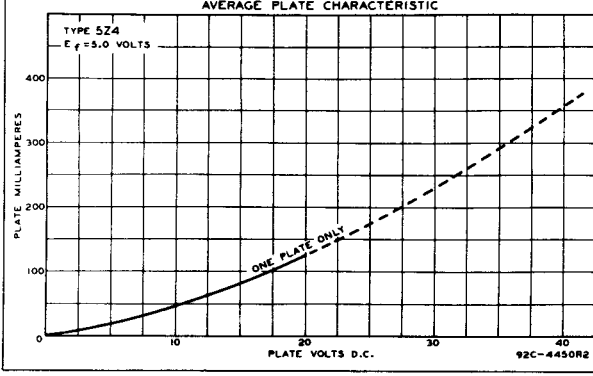
▲ When a filter-input condenser larger than 40 μf is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

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



RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

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OPERATION CHARACTERISTICS

