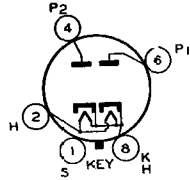


# RCA-5Z4

## FULL-WAVE RECTIFIER

The 5Z4 is a full-wave high-vacuum rectifying tube of the All-Metal type intended for use in d-c power-supply devices which operate from the a-c supply line.



### CHARACTERISTICS

HEATER VOLTAGE (A. C.).....	5.0	Volts
HEATER CURRENT .....	2.0	Amperes
A-C PLATE VOLTAGE PER PLATE.....	400 max.	Volts
PEAK INVERSE VOLTAGE.....	1100 max.	Volts
D-C OUTPUT CURRENT.....	125 max.	Milliamperes
BASE .....	Small Wafer Octal 5-Pin	

### INSTALLATION AND APPLICATION

The base pins of the 5Z4 fit the standard octal socket which should be installed to hold the tube in any position. Provision should be made for adequate ventilation to prevent overheating.

The heater of the 5Z4 is designed to operate from the a-c line through a step-down transformer. The voltage applied to the heater should be the rated value of 5.0 volts under operating conditions and average line voltage.

As a full-wave rectifier, the 5Z4 may be operated with condenser-input or choke-input filter under conditions not to exceed the ratings given under CHARACTERISTICS.

As a half-wave rectifier, two 5Z4's may be operated in a full-wave circuit with reasonable serviceability to deliver more d-c output current than can be obtained from one tube. For this use, the plates of each 5Z4 are tied together at the socket. The allowable voltage and load conditions per tube are the same as for full-wave service.

