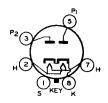
# MAX.

# RCA-6X5

## **FULL-WAVE RECTIFIER**

The 6X5 is a full-wave, highvacuum rectifier of the All-Metal type. It is intended for use in automobile-radio receivers or in a-c operated receivers designed for its characteristics.



### CHARACTERISTICS

HEATER VOLTAGE (A. C. or D. C.)	6.3	Volts
HEATER CURRENT	0.6	<b>A</b> mpere
A-C PLATE VOLTAGE PER PLATE (RMS)	350 max.	Volts
PRAK INVERSE VOLTAGE	1250 max.	Volts
D.C. OUTPUT CHRENT	75 max.	<b>Milliamperes</b>
BASE	Small Wafe	er Octal 6-Pin

### **INSTALLATION**

The base pins of the 6X5 fit the standard octal socket which may be installed to hold the tube in any position.

The heater should be operated at 6.3 volts. Under no condition should the heater voltage ever fluctuate so that it exceeds 7.5 volts. The dopotential between heater and cathode should be limited to 400 volts.

### APPLICATION

As a full-wave rectifier, the 6X5 may be operated with condenser-input or choke-input filter under conditions not to exceed the ratings given under CHARACTERISTICS. For discussion of rectifiers and filter circuits, refer to page 24 and 37, respectively.

