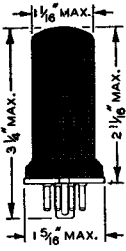
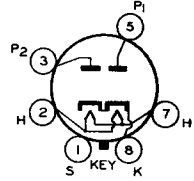


RCA-6X5

FULL-WAVE RECTIFIER

The 6X5 is a full-wave, high-vacuum 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	Ampere
A-C PLATE VOLTAGE PER PLATE (RMS).....	350 max.	Volts
PEAK INVERSE VOLTAGE.....	1250 max.	Volts
D-C OUTPUT CURRENT.....	75 max.	Milliamperes
BASE	Small Wafer Octal 6-Pin	

INSTALLATION

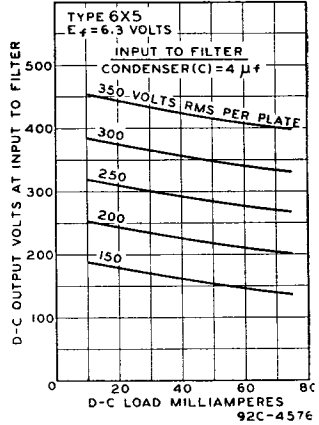
The base pins of the 6X5 fit the standard octal socket which may be installed to hold the tube in any position.

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 d-c potential between heater and cathode should be limited to 400 volts.

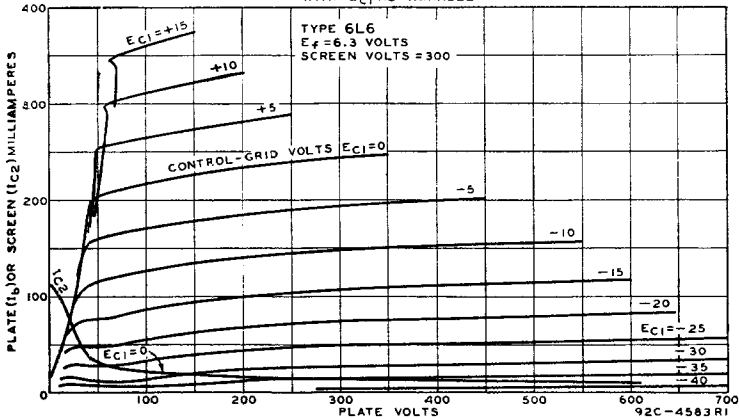
APPLICATION

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.

OPERATION CHARACTERISTICS



AVERAGE PLATE CHARACTERISTICS WITH E_{c1} AS VARIABLE





page

1

2

**6X5
sheet**

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