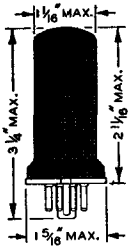
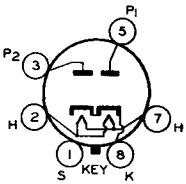


RCA-6X5

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	

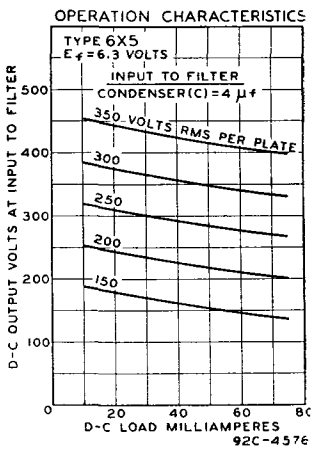
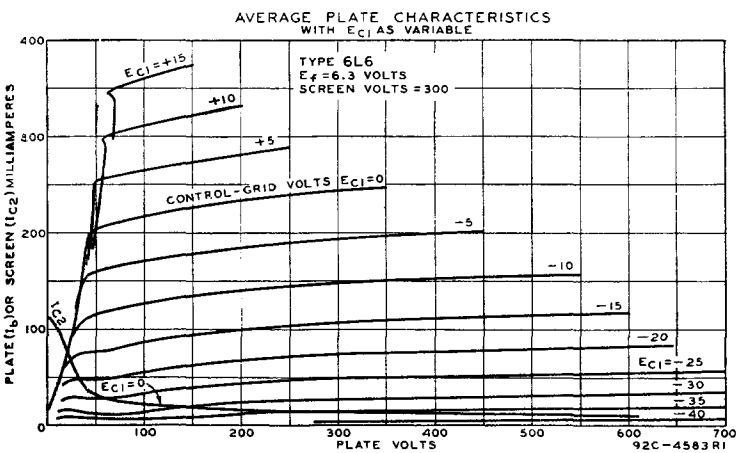
INSTALLATION

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.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