

RCA-217-A and RCA-217-C

Half-Wave, High-Vacuum Rectifiers

RCA-217-A and RCA-217-C are half-wave, high-vacuum rectifiers of the thoriated-tungsten filament type. They are for use in high-voltage rectifying devices where freedom from r-f disturbances in the output is an important factor. In single-phase circuits, full-wave rectification is obtained by using two of these types. The major difference between the two tubes is the higher plate-voltage rating of the 217-C.

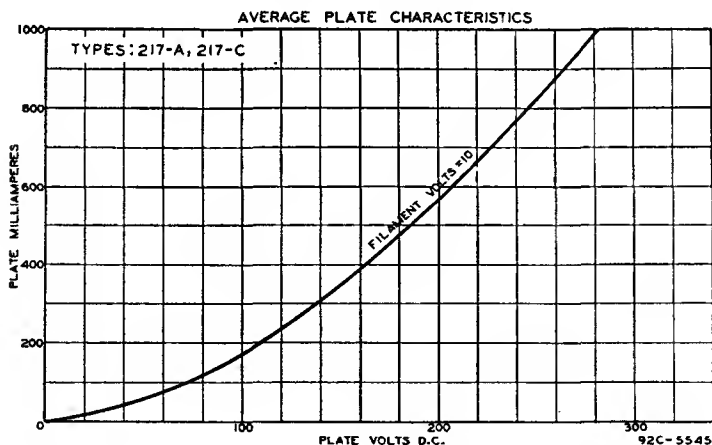
CHARACTERISTICS

	RCA-217-A	RCA-217-C	
FILAMENT VOLTAGE (a-c)	10.0	10.0	Volts
FILAMENT CURRENT	3.25	3.25	Amperes
PEAK INVERSE VOLTAGE	3500 max.	7500 max.	Volts
PEAK PLATE CURRENT	0.6 max.	0.6 max.	Ampere
AVERAGE PLATE CURRENT	0.2 max.	0.15 max.	Ampere

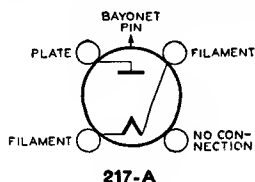
The bases of the 217-A and 217-C fit the standard transmitting 4-contact sockets, such as the RCA type UT-541A. The sockets should be mounted to hold the tubes in a vertical position with the base ends of the tubes down. Due to the high-voltage rating of the 217-C, the metal shell of the socket holding this tube must not be grounded nor connected to any other part of the circuit. The plate lead of the 217-C is brought out to the cap at the top of the bulb.

The outline drawing of the 217-A is the same as that of the 203-A; the outline drawing of the 217-C is the same as that of the 805.

For additional information, see chapter on RECTIFIERS and FILTERS.



Top View of Socket Connections



Top View of Socket Connections

