

# RADIO MANUFACTURERS ASSOCIATION



SUITE 701-4 AMERICAN BUILDING  
1317 F STREET, N. W.  
WASHINGTON, D. C.

SUB-COMMITTEE ON TUBE NUMBERING

E. W. WILBY, CHAIRMAN  
711 FIFTH AVENUE  
NEW YORK, N. Y.

February 4th, 1937

To Tube Engineers:

RMA Tube Standardization  
Release #106 re 5T4.

The attached data will provide you with preliminary information on a metal full wave rectifier designated as tube type 5T4.

The 5T4 for the present, is being supplied with a small wafer base instead of with a large wafer base as shown in the accompanying outline drawing on page 2.

This data, together with a sample being forwarded under separate cover, is furnished you through the courtesy of the RCA Mfg. Company, Radiotron Division.

Very truly yours,

*Edward W. Wilby*  
Chairman  
Tube Numbering

eww;lg



# RCA-5T4

FULL-WAVE HIGH-VACUUM RECTIFIER  
(TENTATIVE DATA)

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Filament Voltage (A.C.)	5.0	Volts
Filament Current	2.0	Amperes
Maximum Overall Length	4-1/4"	
Maximum Diameter	1-23/32"	
Base	Large Wafer Octal 5-Pin	

### As Full-Wave Rectifier

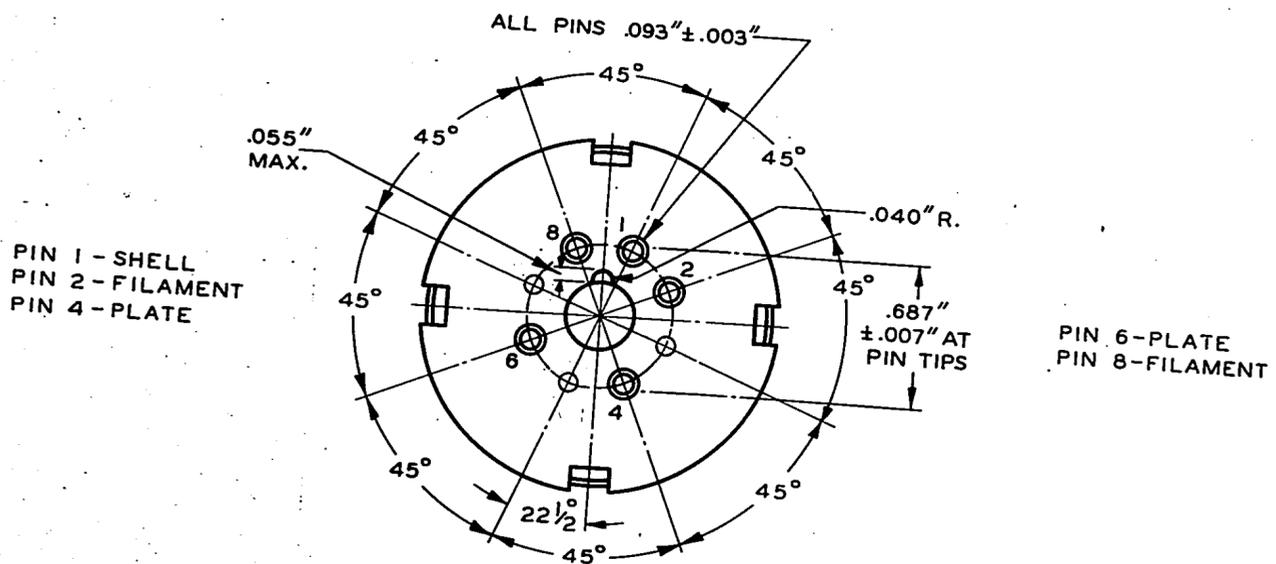
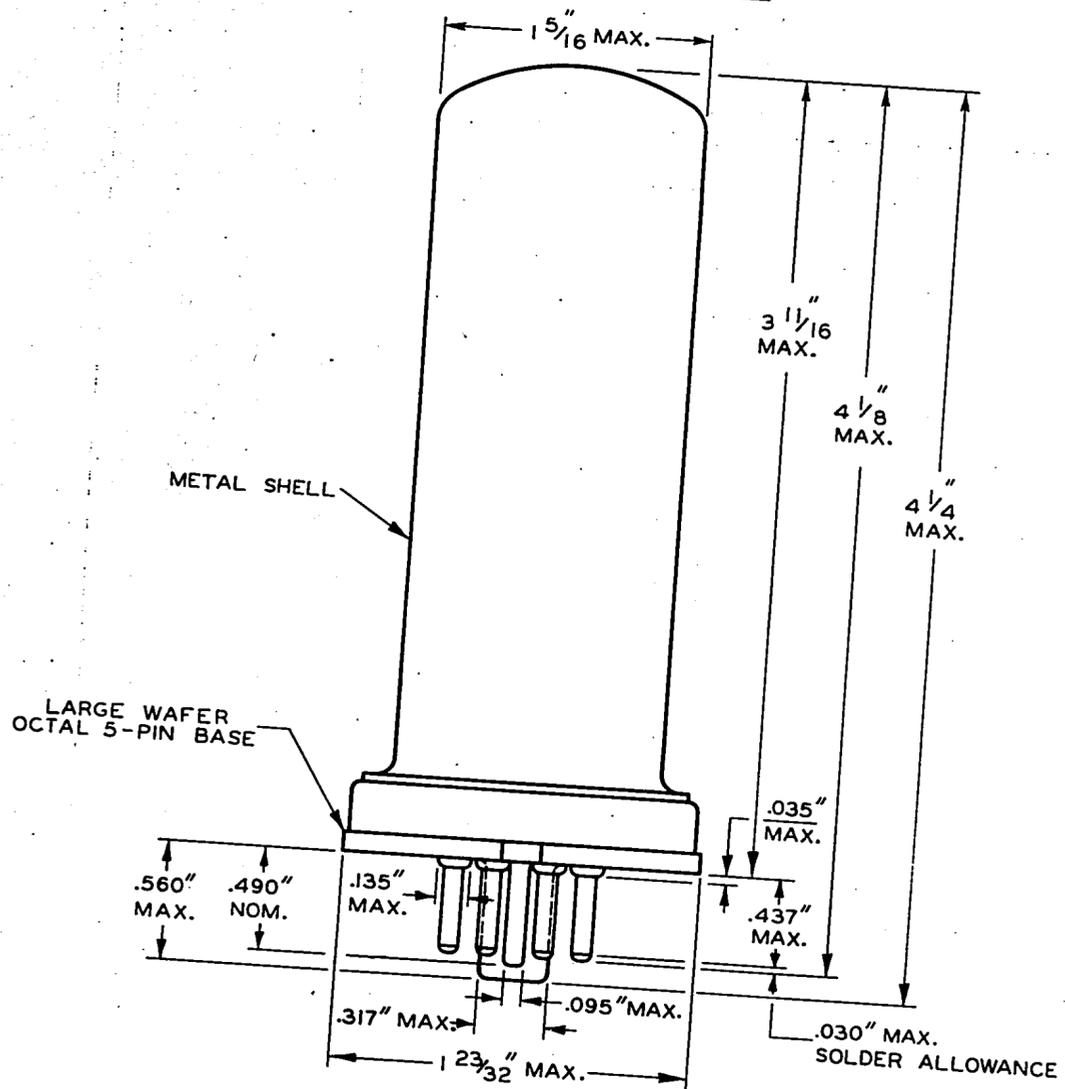
*Condenser-Input to Filter*

A-C Plate Voltage Per Plate (RMS)	450 max. Volts
Peak Inverse Voltage	1250 max. Volts
D-C Output Current	250 max. Milliamperes



5T4

OUTLINE DRAWING



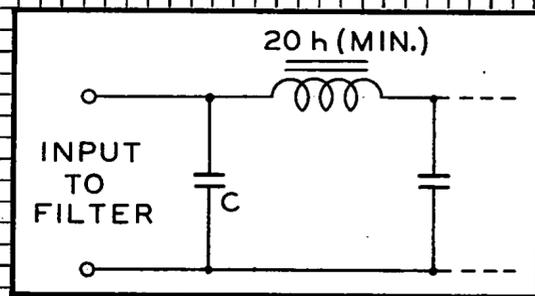
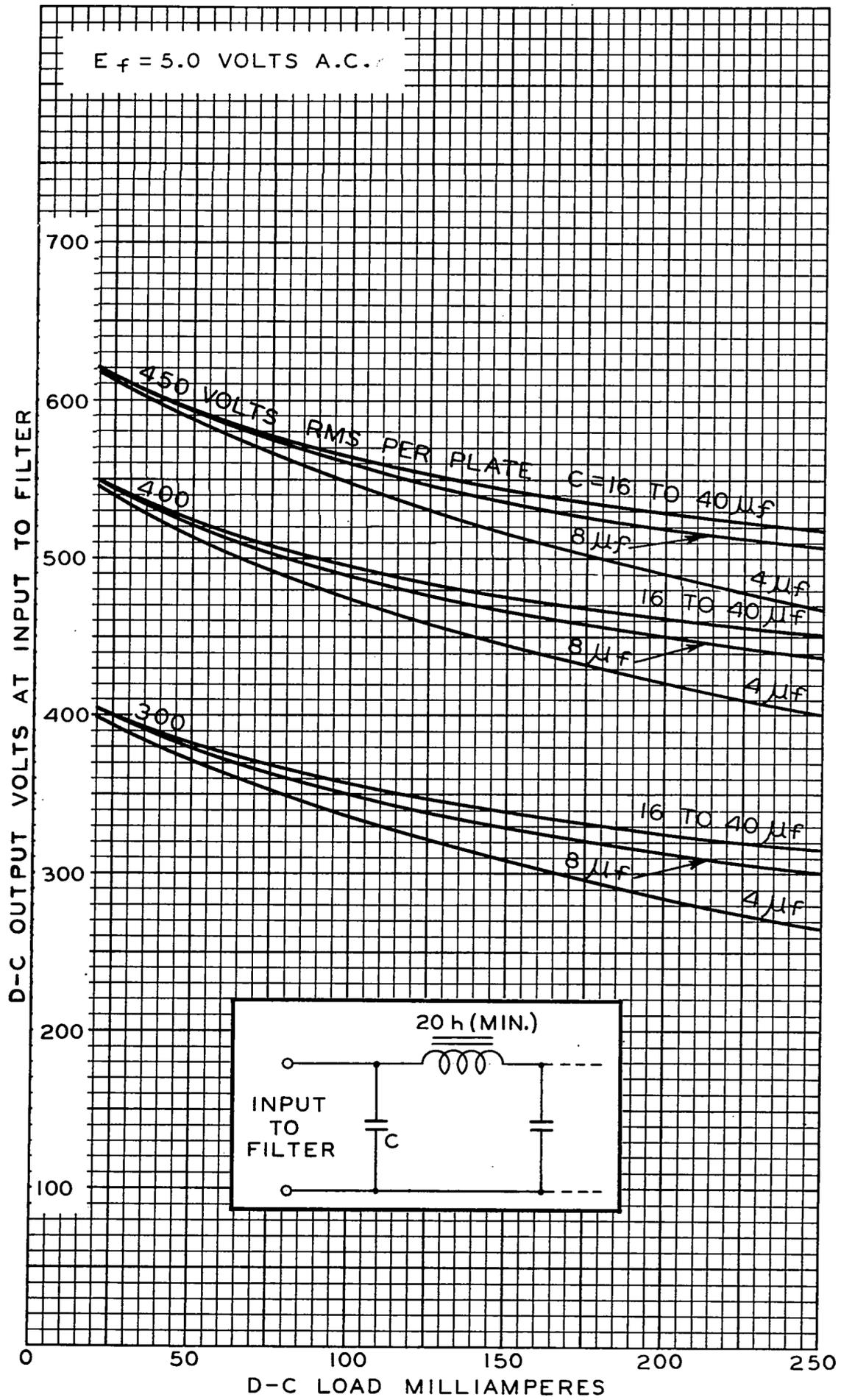
BOTTOM VIEW OF BASE

DEC. 10, 1936

RCA RADOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

92C-4699

OPERATION CHARACTERISTICS



FEB. 1, 1937

RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

92C-4697R1

# RADIO MANUFACTURERS ASSOCIATION

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1317 F STREET, N.W.  
WASHINGTON, D. C.



R.M.A. DATA BUREAU  
90 West Street  
New York, N. Y.

Release No. 106A

April 22, 1943

(5T4)

To  
Tube Engineers:

On February 4th, 1937, in RMA Tube Standardization Release No. 106, was announced registration for the Radiotron Division of the RCA Manufacturing Co., Inc. of tube type designation

5T4

in accordance with the accompanying defining data.

By the distribution of the Electron Tube Characteristic sheet with respect to the 5T4 on about August 5, 1941, was announced the modification of the registration to provide a tube flange diameter of 1-5/8".

The RCA Victor Division of the Radio Corporation of America now proposes to re-register the diameter of the flange of the base as

1-9/16"  $\pm$  1/16"

Accordingly, your attention is called to this proposal. Unless valid objection thereto is lodged with the RMA Data Bureau prior to May 6, 1943, the re-registration will be so made and no further announcement thereof will be distributed.

Respectfully yours,

RMA DATA BUREAU

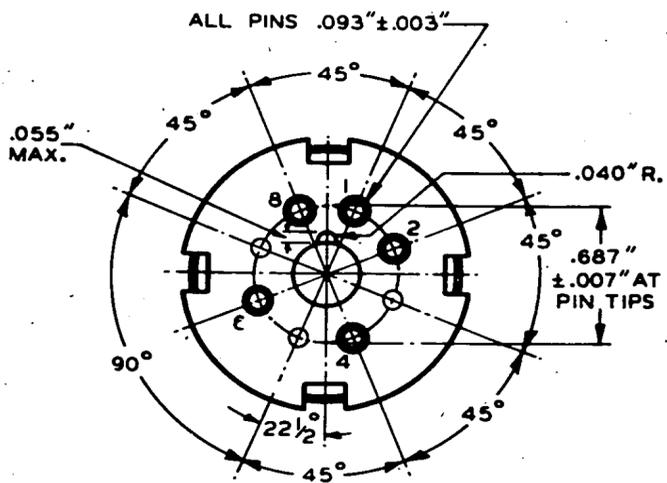
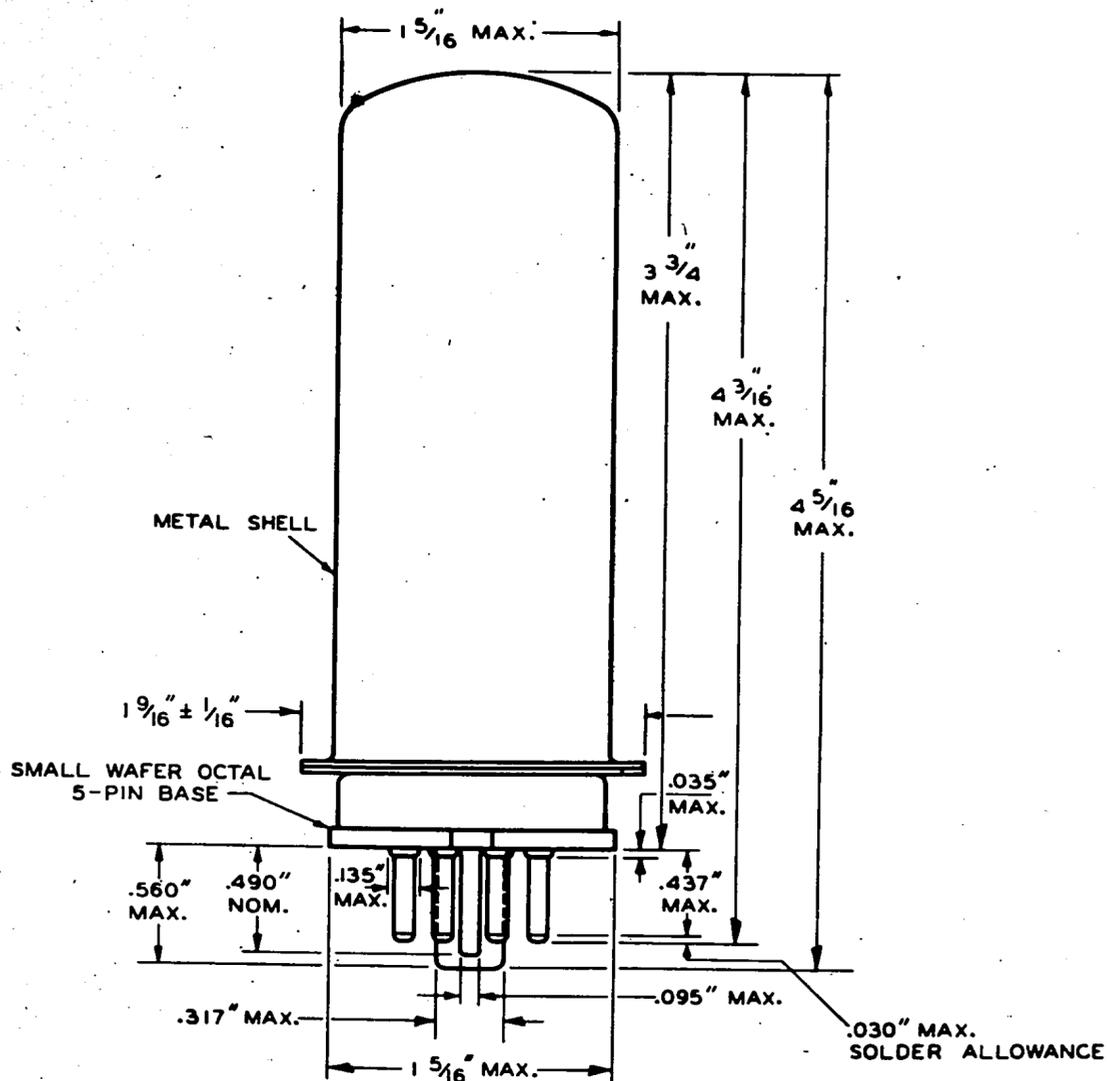
By

LCFHorle/CP



5T4

OUTLINE DRAWING



PIN 1 - SHELL  
PIN 2 - FILAMENT  
PIN 4 - PLATE N#2

PIN 6 - PLATE N#1  
PIN 8 - FILAMENT

BOTTOM VIEW OF BASE

APRIL 8, 1943

RCA VICTOR DIVISION  
RADIO CORPORATION OF AMERICA HARRISON, NEW JERSEY

92C-4699R2