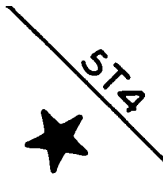


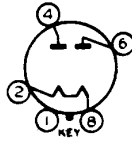


5T4



### FULL-WAVE HIGH-VACUUM RECTIFIER

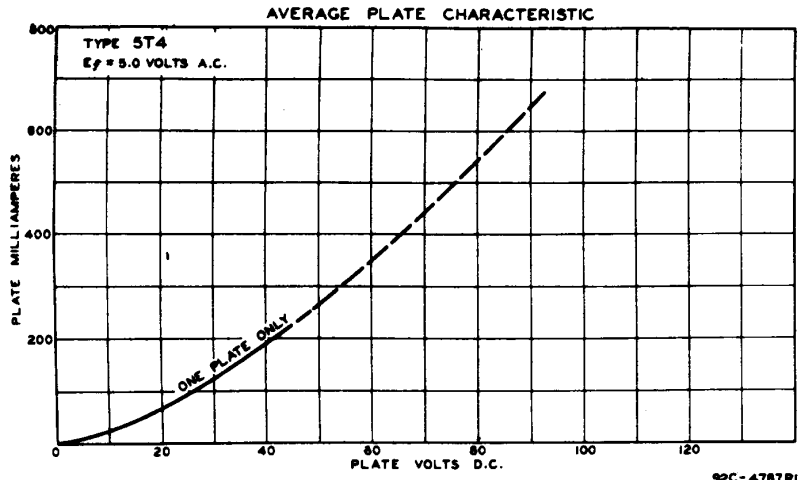
Filament	Coated	
Voltage	5.0	a-c volts
Current	2.0	amp.
Maximum Overall Length		4-5/16"
Maximum Diameter		1-5/8"
Bulb		Metal Shell, MT-10
Base		Small Wafer Octal 5-Pin
Pin 1 - Shell		Pin 6 - Plate #1
Pin 2 - Filament		Pin 8 - Filament
Pin 4 - Plate #2		
Mounting Position	BOTTOM VIEW (5T)	Vertical $\diamond$



#### FULL-WAVE RECTIFIER

Peak Inverse Voltage	1550 max. volts
Peak Plate Current per Plate	675 max. ma.
<i>Typical Operation with Condenser-Input Filter:</i>	
A-C Plate Voltage per Plate (RMS)	450 max. volts
Total Effective Plate-Supply Impedance per Plate $\blacktriangle$	150 min. ohms
D-C Output Current	225 max. ma.
<i>Typical Operation with Choke-Input filter:</i>	
A-C Plate Voltage per Plate (RMS)	550 max. volts
Input-Choke Inductance	3 min. henries
D-C Output Current	225 max. ma.

$\diamond$  Horizontal operation permitted if pins 2 and 4 are in vertical plane.  
 $\blacktriangle$  When a filter-input condenser larger than 40  $\mu$ f is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.



FEB. 2, 1940

RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

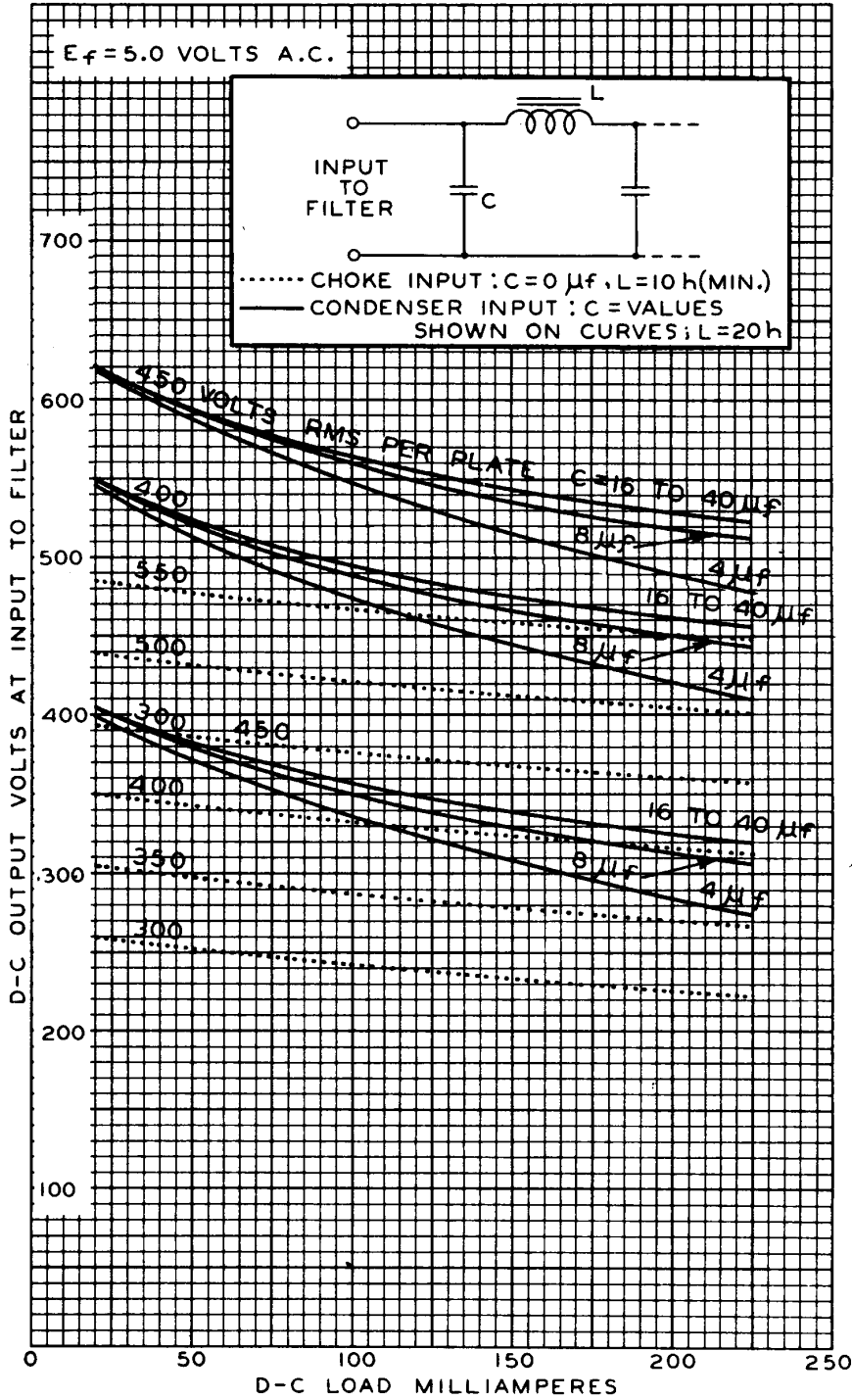
DATA

5T4



5T4

OPERATION CHARACTERISTICS



JAN. 12, 1940

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92C-4697R3