

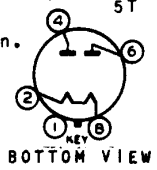


5W4, 5W4-GT/G

5W4
5W4-GT/G

FULL-WAVE HIGH-VACUUM RECTIFIER

Filament Voltage	Coated		a-c volts
Current	5.0		amp.
	1.5		
	5W4	5W4-GT/G	
Maximum Overall Length	3-1/4"	3-3/8"	
Maximum Seated Height	2-11/16"	2-13/16"	
Maximum Diameter	1-5/16"	1-5/16"	
Bulb	Metal Shell, MT-8	T-9	
Base	{ Small Wafer Octal 5-Pin	{ Intermed. Sh. Octal 5-Pin	
Basing Designation	5T	G-5T	
Pin 1 { 5W4, Shell		Pin 4 - Plate #2	
Pin 2 { 5W4-GT/G, No Con.		Pin 6 - Plate #1	
Pin 2 - Filament		Pin 8 - Filament	
Mounting Position		Vertical	



Maximum Ratings Are Design-Center Values

FULL-WAVE RECTIFIER

Peak Inverse Plate Voltage	1400 max. volts
Peak Plate Current per Plate	300 max. ma.
D-C Output Current:	
With condenser input to filter	100 max. ma.
With choke input to filter	100* max. ma.

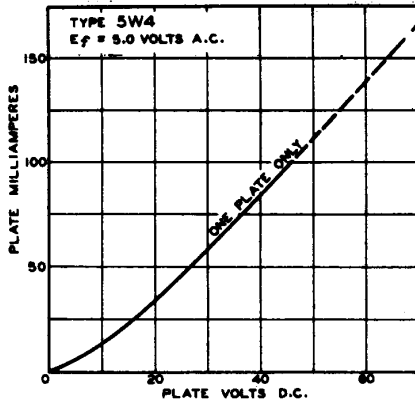
	Typical Operation:		
	Condenser- Input Filter	Choke- Input Filter	
A-C Plate-to-Plate Supply Voltage (RMS)	700	1000	volts
Filter Input Condenser	4	-	μf
Min. Total Effect. Plate-Supply Imped. per Plate	50	-	ohms
Filter Input Choke	-	6	henries
D-C Output Current	100	100	ma.
D-C Voltage (At input to filter):*			
At half-load current (50 ma.)	410	420	volts
At full-load current (100 ma.)	360	405	volts
Difference (Voltage Regulation)	50	15	volts
Percentage Regulation	12	3.5	%

◇ Horizontal operation of the 5W4 permitted if pins 2 and 8 are in a vertical plane. Horizontal operation of the 5W4-GT/G permitted if pins 2 and 8 are in a horizontal plane.

● For choke not less than 6 henries.

* Approximate values.

AVERAGE PLATE CHARACTERISTIC



← Indicates a change.

92C-6008R1

Mar. 20, 1943

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RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

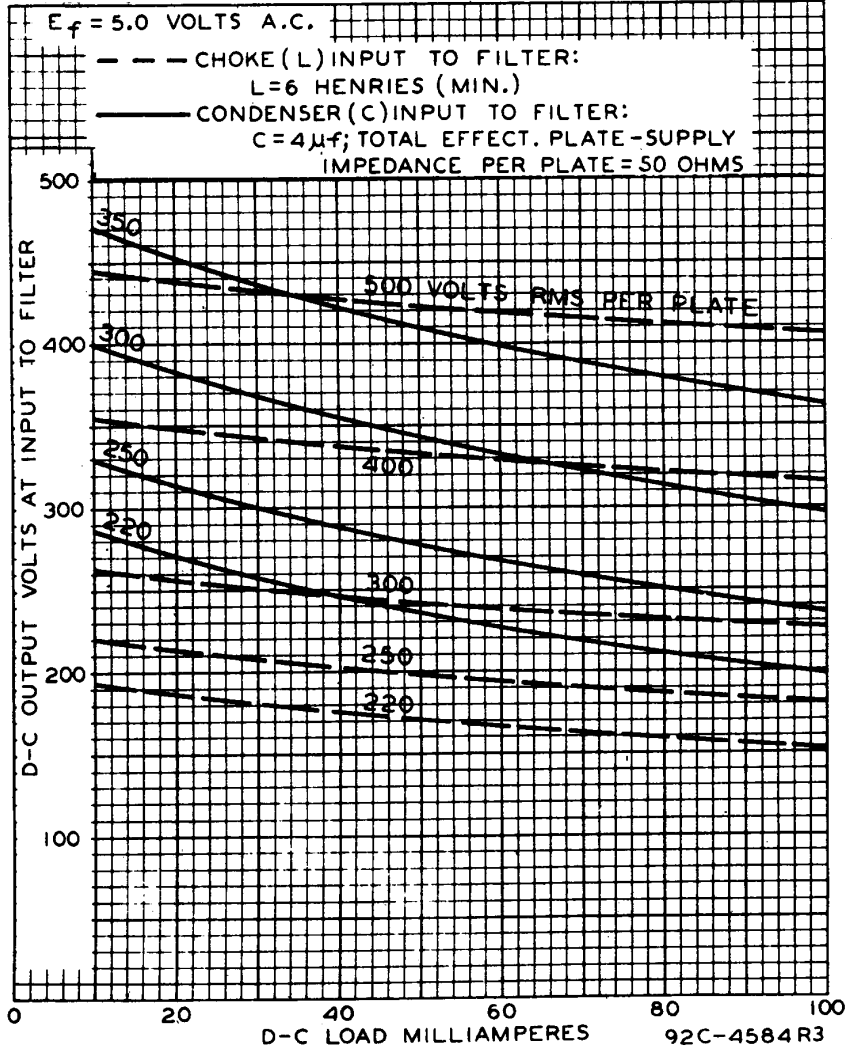
DATA

5W4
5X4-G



5W4

OPERATION CHARACTERISTICS



5X4-G

FULL-WAVE HIGH-VACUUM RECTIFIER

Filament	Coated	
Voltage	5.0	a-c volts
Current	3.0	amp.
Maximum Overall Length		5-5/16"
Maximum Seated Height		4-3/4"
Maximum Diameter		2-1/16"
Bulb		ST-16
Base		Medium Shell Octal 8-Pin
Pin 1 - No Connection		Pin 5 - Plate #1
Pin 2 - No Connection		Pin 6 - No Connection
Pin 3 - Plate #2		Pin 7 - Filament
Pin 4 - No Connection		Pin 8 - Filament
Mounting Position	BOTTOM VIEW (G-5Q)	Vertical \diamond

\diamond Horizontal operation permitted if pins 2 and 7 are in horizontal plane.

Maximum Ratings, Operating Conditions, and Curves for the 5X4-G are the same as those for Type 5U4-G.

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