

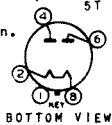


# 5W4, 5W4-GT/G

5W4  
5W4-GT/G

## FULL-WAVE HIGH-VACUUM RECTIFIER

Filament Voltage	Coated 5.0	a-c volts
Current	1.5	amp.
	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 - Filament		Pin 6 - Plate #1
Mounting Position		Pin 8 - Filament Vertical



BOTTOM VIEW

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:

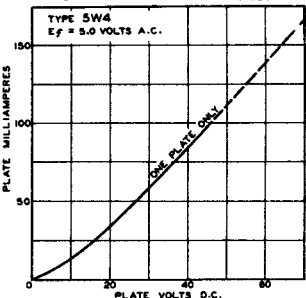
	Condenser- Input Filter	Choke- Input Filter	
A-C Plate-to-Plate Supply Voltage (RMS)	700	1000	volts
Filter Input Condenser	4	-	µf
Min. Total Effect. Plate-Supply Imped. per Plate	50	-	ohms
Filter Input Choke	-	6	henries
D-C Output Current	100	100	ma.
D-C Voltage (At input to filter):*			
At half-load 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

5W4  
5X4-G



5W4

### OPERATION CHARACTERISTICS

