

4/13/40

TYPE 5Z4GT/G
FULL-WAVE HIGH-VACUUM RECTIFIER

PHYSICAL SPECIFICATIONS:

Coated Unipotential Cathode	
Pin Connections	5L-0-0
Base	Intermediate Shell Octal 5-Pin
Bulb	T9-D
Maximum Diameter	1-5/16"
Maximum Overall Length	3-5/16"
Maximum Seated Height	2-3/4"
<u>Mounting Position</u>	Any

RATINGS:

Heater Voltage	5.0 A.C. Volts
Heater Current	2.0 amps.
Maximum Peak Inverse Voltage	1400 Volts
Maximum Steady State Peak Plate Current*	750 ma.
<u>Tube Voltage Drop</u> Measured with applied	20 volts
D.C. at 125 ma. Plate Current	

*When filter condensers larger than 4 uf are used it may be necessary to add additional plate supply impedance.

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CONDENSER INPUT TO FILTER:

Heater Voltage	5.0 A.C. Volts
A.C. Plate Voltage per Plate (RMS)	350 max. Volts
D.C. Output Current	125 max. ma.
Total Effective Plate Supply Impedance per Plate	30 min. ohms

CHOKE INPUT TO FILTER:

Heater Voltage	5.0 A.C. Volts
A.C. Plate Voltage per Plate (RMS)	500 max. Volts
D.C. Output Current	125 max. ma.
Minimum Value of Input Choke	5 henrys