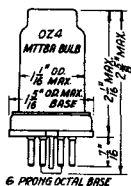


OZ4 OZ4G

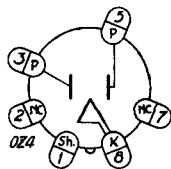
RAYTHEON

OZ4 OZ4G

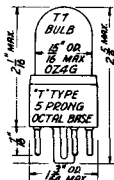
TWIN DIODE
FULL WAVE GAS FILLED RECTIFIER
Ionic Heated Cathode Type
Metal Bulb-OZ4 Glass Bulb-OZ4G



The OZ4 is a full wave gas filled type rectifier tube with an ionic heated cathode requiring no heater supply voltage. It is designed particularly for service where high overall efficiency is desired.



BOTTOM VIEW OF SOCKET
OZ4G - #1 PIN - NO CONN.
- #2 PIN - OMITTED



FULL WAVE RECTIFIER

No Heater Supply Required
Maximum D-C Output Voltage
Minimum D-C Output Current
Maximum D-C Output Current
Maximum Peak Plate Current
Minimum Starting Peak Voltage
Average Dynamic Voltage Drop

300	volts
30	ma
75	ma
200	ma
300	volts
24	volts

The OZ4 was developed primarily for use in vibrator type B supply units for automobile receivers. It has the typical characteristics of all gas-filled rectifiers as regards a constant drop and ability to handle high peak currents. Any tendency of the tube to generate r-f noise may be eliminated by proper filtering and by connecting the metal shell to the point giving the best shielding. The shielding and filtering commonly used to eliminate vibrator noise will usually be sufficient.

The OZ4 is filled with a permanent gas rather than a vapor filling. The tube characteristics are independent of the surrounding temperature.

The OZ4 has the same external form and dimensions as other tubes of the metal line. However, in this tube the metal shell serves chiefly as container and electrostatic shield for the glass bulb, which is required to insulate the contained gas from the grounded shell.

