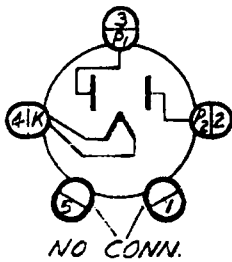
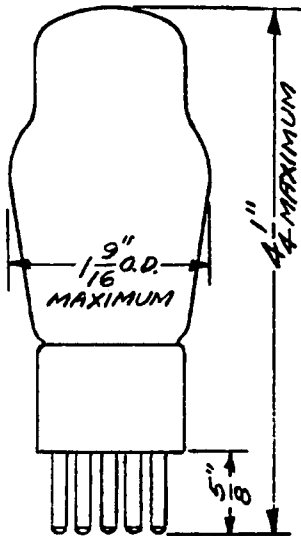


0Z3

CHARACTERISTIC DATA SHEET
RAYTHEON 4-PILLAR TUBE

FULL WAVE GAS FILLED RECTIFIER
(Ionic Heated Cathode Type)



VIEW LOOKING ON TOP OF SOCKET

HEATER RATING

No heater supply required.

OPERATING CONDITIONS and CHARACTERISTICS

DC Voltage Output	300 max.	Volts
DC Output Current	30 min.	m.a.
	75 max.	m.a.
Peak Plate Current	200 max.	m.a.
Starting Voltage	300 min.	Volts
Voltage Drop (Dynamic)	24 avg.	Volts

The OZ3 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 peak currents and a tendency to generate rf noise. The rf noise may be eliminated by proper shielding and filtering. The shielding and filtering commonly used to eliminate vibrator noise will usually be sufficient.

The OZ3 is filled with a permanent gas rather than a vapor filling. The tube characteristics are independent of the surrounding temperature.

RAYTHEON ENGINEERING SERVICE

June 7, 1935

OS-1067

from RMA release #31, June 17, 1935

OZ3 OPERATING CHARACTERISTICS
IN TYPICAL VIBRATOR ELIMINATOR

