

0Z3

CHARACTERISTIC DATA SHEET RAYTHEON 4-PILLAR TUBE

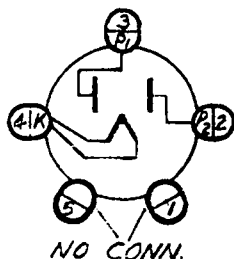
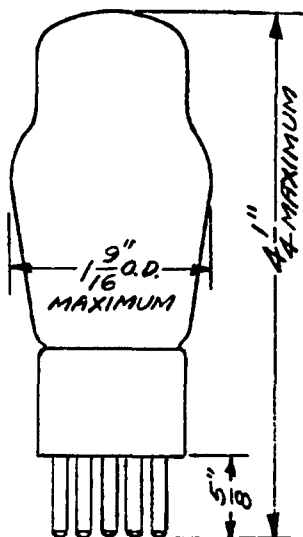
FULL WAVE GAS FILLED RECTIFIER (Ionic Heated Cathode Type)

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



VIEW LOOKING ON TOP OF SOCKET

The 0Z3 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 0Z3 is filled with a permanent gas rather than a vapor filling. The tube characteristics are independent of the surrounding temperature.

RAYTHEON ENGINEERING SERVICE

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0Z3 OPERATING CHARACTERISTICS IN TYPICAL VIBRATOR ELIMINATOR

