

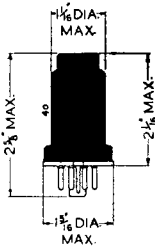
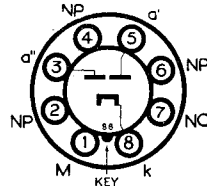
Replacement Type

TYPE 0Z4

(OCTAL BASE)

FULL-WAVE RECTIFIER

For Car Radio



OPERATING CHARACTERISTICS

The BRIMAR type 0Z4 is a full-wave gas filled rectifier with an ionic heated cathode, no external heater supply being required.

A minimum anode to cathode potential of 300 volts peak is necessary for consistent starting and this value increases somewhat during life.

Type 0Z4 is fitted with a metal shell which must be efficiently earthed to prevent the radiation of R.F. interference to other parts of the receiver.

(Heater supply —not required)

Starting Peak Voltage	300 volts min.
Peak Anode to Anode Voltage	1,000 volts max.
Peak Anode Current (each anode)	200 mA max.
D.C. Output Voltage	300 volts max.
D.C. Output Current	{ 30 mA min. 75 mA max.
Voltage Drop...	24 volts

Replacement Type

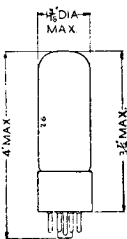
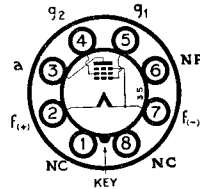
TYPE 1A5G/GT

(OCTAL BASE)

LOW-DRAIN BATTERY

POWER PENTODE

CHARACTERISTICS



Filament Voltage	1.4 volts	Grid (g ₁) Voltage	-4.5 volts
Filament Current	0.05 amp.	Anode Impedance	0.3 meg.
Anode Voltage	90 volts	Mutual Conductance	0.85 mA/V
Anode Current	4.0 mA	Amp. Factor	255
Screen (g ₂) Voltage	90 volts	Optimum Load	25,000 ohms
Screen Current	0.8 mA	Power Output	0.115 watts
Harmonic Distortion	7 per cent.			