OZ4

Full-Wave Gas Rectifier

METAL TYPE HAVING IONICALLY HEATED CATHODE

GENERAL DATA

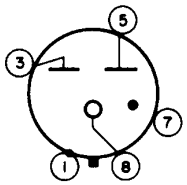
Electrical:

Cathode . . . . . Ionically Heated Type

Mechanical:

Operating Position. . . . . Any
Maximum Overall Length. . . . . 2-5/8"
Maximum Seated Length . . . . . 2-1/16"
Maximum Diameter. . . . . 1-5/16"
Dimensional Outline . . . . . See *General Section*
Envelope. . . . . .Metal Shell MT8G
Base. . . .Small-Wafer Octal 5-Pin (JEDEC Group 1, No.B5-215)
Basing Designation for BOTTOM VIEW. 4R

Pin 1 - Shell
Pin 3 - Plate No.2
Pin 5 - Plate No.1



Pin 7 - No Connection
Pin 8 - Cathode

FULL-WAVE RECTIFIER

Maximum and Minimum Ratings, *Design-Center Values Except as Noted:*

PEAK INVERSE PLATE VOLTAGE PER PLATE. . . .	880	max.	volts
PEAK STARTING SUPPLY VOLTAGE PER PLATE. . .	300▲	min.	volts
PEAK PLATE CURRENT PER PLATE.	270	max.	ma
DC OUTPUT CURRENT	90	max.	ma
	30▲	min.	ma

Typical Operation:

With vibrator-type power supply and capacitor input to filter

Peak Plate Supply Voltage Per Plate●	380	volts
Filter-Input Capacitor.	8	μf
Total Effective Plate Supply Impedance Per Plate.	800	ohms
DC Output Voltage at input to filter.	275	volts
DC Output Current	65	ma

Characteristics:

Tube Voltage Drop for platema. =90 (Per plate). .	24	volts

Minimum Circuit Value:

Total Effective Plate Supply Impedance Per Plate	300 min.	ohms

▲ Absolute value. Under no circumstances should the tube be operated with less than this value.

● Open-circuit voltage—flat portion of transformer voltage wave.

← Indicates a change.