

Full-Wave Gas Rectifier

METAL TYPE HAVING IONICALLY HEATED CATHODE

GENERAL DATA

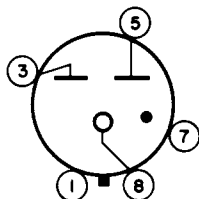
Electrical:

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. 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 plate ma. = 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.

