

MAZDA**1963****HIGH VACUUM HALF-WAVE RECTIFIER**

Indirectly heated

1963

<u>RATING</u> †		<u>1,500</u> <u>c.p.s.</u>	<u>50</u> <u>c.p.s.</u>
Heater Voltage (volts)	V_h	• 4.0	• 4.0
Heater Current (amps)	I_h	1.4	1.4
Maximum Peak Inverse Voltage-No Load (volts)	P.I.V.(max)	7,500	7,000
Maximum Peak Inverse Voltage-On Load (volts)	P.I.V.(max)	6,500	6,300
Maximum Mean Current (mA)	I_{av}	75	50
Maximum Peak Current (mA)	I_{pk}	375	375
Minimum Surge Limiting Resistance (ohms)		[1,800	[1,900

• The Heater must be switched on for 15 seconds before the Anode Voltage is applied.

[This resistance may be obtained in the distributed resistance of the transformer.

† All Maximum Ratings are absolute values not design centres.

DIMENSIONS

Maximum Overall Length (mm)	100
Maximum Diameter (mm)	32
Maximum Bulb Diameter (mm)	29
Maximum Seated Height (mm)	87
Approximate Nett Weight (ozs)	1 $\frac{3}{4}$
Approximate Packed Weight (ozs)	2 $\frac{1}{2}$

MOUNTING POSITION - Unrestricted

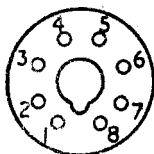
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CAP Miniature
EULB Clear
BASE International Octal (IO8)



Viewed from free end of pins.

CONNEXIONS

Pin 1	Blank •	
Pin 2	Heater/Cathode	hk
Pin 3	Blank •	
Pin 4	Blank •	
Pin 5	Blank •	
Pin 6	Blank •	
Pin 7	Heater	h
Pin 8	Blank •	
Top Cap	Anode	a

* Blank pins in Socket must be left free.

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AVERAGE CHARACTERISTIC CURVE

