EDISWAN

MAZDA

19H4

19H4

HIGH VACUUM DIODE

Indirectly heated—for High Voltage Power Rectification ←

RATING ¶

Heater Voltage (volts)	V_h		2.6
Heater Current (amps)	I_h		1.7 ←
Maximum Mean Anode Current (mA)	$I_{a(av)max.}$	•	30.0 ←
Maximum Peak Anode Current (mA)	$I_{a(pk)max.}$	•	180 ←
Maximum Peak Inverse Voltage - No Load (KV)	$P.I.V._{o.(max)}$	•	23.0
Maximum Peak Inverse Voltage - On Load (KV)	$P.I.V._{w.(max)}$	•	20.0
Maximum Mean Anode Current (mA)		†	5.0
Maximum Peak Inverse Voltage - No Load or On Load (KV)		†	18.0
Minimum Surge Limiting Resistance (ohms)	Ω		18,000 ←
Maximum Reservoir Condenser (μF)	(50 c/s (1,600 c/s		0.5 0.01 ←

• Delayed Switching. The Heater must be switched on for 10 seconds before the Anode Voltage is applied.

† Simultaneous Switching. ←

¶ All Maximum Ratings are absolute values, not design centres.

DIMENSIONS

Maximum Overall Length	(mm)	129
Maximum Diameter	(mm)	40
Maximum Seated Height	(mm)	116
Approximate Nett Weight	(ozs)	2¼
Approximate Packed Weight	(ozs)	3¼

MOUNTING POSITION - Unrestricted.

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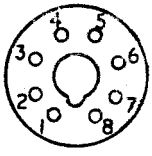
CAP American Miniature Type

BULB Clear

BASE International Octal (I08)



Viewed from free end of pins.

CONNEXIONS.

Pin 1	-	-
Pin 2	Heater	h
Pin 3	-	-
Pin 4	-	-
Pin 5	-	-
Pin 6	-	-
Pin 7	Heater/Cathode	h/k ←
Pin 8	-	-
Top Cap	Anode	a

NOTE

All pins with the exception of No. 2 should be connected to pin No. 7 on the holder, and pin No. 7 connected to the reservoir condenser.

Indicates a change ←

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AVERAGE CHARACTERISTIC CURVE