MAZDA

19.H.4

HIGH VACUUM DIODE

Directly heated – for High Voltage Power Rectification

RATING ¶

Heater Voltage (volts)	V_h	§ 2.5
Heater Current (amps)	I_h	3.3
Maximum Mean Anode Current (mA)	$I_{a(av)max}$	25.0
Maximum Peak Anode Current (mA)	$I_{a(pk)max}$	150
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
Minimum Surge Limiting Resistance (ohms)	Ω	23,000

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

¶ 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)	2½
Approximate Packed Weight (ozs)	3½

MOUNTING POSITION - Unrestricted.

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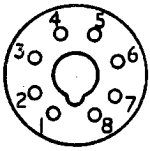
CAP American Miniature Type

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	h
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.

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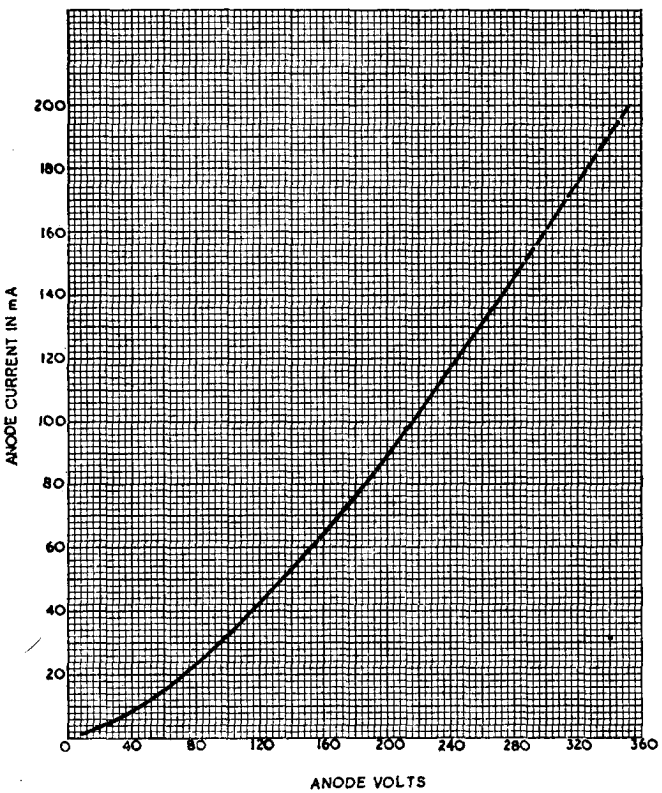
AVERAGE CHARACTERISTIC CURVE



October 1948 RADIO DIVISION Issue 1/6

THE EDISON SWAN ELECTRIC COMPANY LTD.