DD.101

A.C./D.C. MAINS DOUBLE DIODE

RATING.

Heater Voltage	10·0
Heater Current (Amps.)	0·2

INTER-ELECTRODE CAPACITIES.

*Diode 1 to Earth	5·0 $\mu\mu$F
*Diode 2 to Earth	4·6 $\mu\mu$F
Diode 1 to Diode 2	0·06 $\mu\mu$F

* "Earth" denotes the remaining earthy potential electrodes, H. and M. joined to cathode.

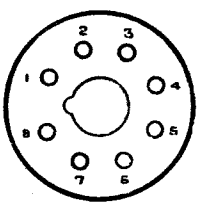
DIMENSIONS.

Maximum Overall length	85 mm.
Maximum Diameter	32 mm.

GENERAL.

The DD.101 is an indirectly heated double diode for rectification of H.F. signals and for providing automatic volume control in A.C./D.C. mains receivers. The valve is not suitable for H.T. rectification. Each diode has its own separate cathode and is completely screened from the other by a shield which is brought out to a separate pin. This complete independence between the diode systems in the valve offers increased flexibility in the circuit design. The bulb is of small dimensions, and the valve is fitted with a Mazda Octal Base, the connexions to which are given below.

BASING.



Viewed from the free end of the base.

Pin No. 1. Heater.
2. Cathode.
3. Diode 1.
4. Shield.
5. Diode 2.
6. Metallising.
7. Cathode 2.
8. Heater.

Mazda Radio Valves are manufactured in Great Britain for the British Thomson-Houston Co., Ltd., London and Rugby, and distributed by

THE EDISON SWAN ELECTRIC CO., LTD.,
155, CHARING CROSS ROAD, LONDON, W.C.2

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