MAZDA

19H1

19H1

HIGH VOLTAGE HALF WAVE RECTIFIER

Directly heated

RATING

Filament Voltage (volts)	V_f	4.0
Filament Current (amps)	I_f	2.0
Maximum D.C. Output Current (mA)	$I_{a(av)max}$	75
Maximum Working Peak Inverse Voltage (kV)	P.I.V.(max)	15.0
Maximum No Load Peak Inverse Voltage (kV) ‡	P.I.V.(max)	17.5
Maximum Peak Anode Current (mA)	$I_{a(pk)max}$	600
Maximum Value of Reservoir Capacitor	μF	0.5
Minimum Value of Limiting Resistor (ohms)	∩	2,500
H.T. Switching Delay Period (Seconds)		10

‡ The maximum value of RMS working anode voltage will depend on the regulation of the transformer, and must be such that the maximum P.I.V. on no load is not exceeded.

All Maximum Ratings are absolute values, not design centres.

DIMENSIONS

Maximum Overall Length (mm)	210
Maximum Diameter (mm)	51
Maximum Seated Height (mm)	195
Approximate Nett Weight (ozs)	5
Approximate Packed Weight (ozs)	14

MOUNTING POSITION - Vertical

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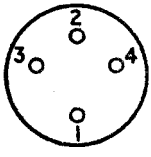
BULB Clear

CAP B.V.A. Standard

BASE 4 pin



Viewed from free end of pins.

CONNEXIONS

Pin 1	-
Pin 2	-
Pin 3	Filament f
Pin 4	Filament f
Top Cap	Anode A

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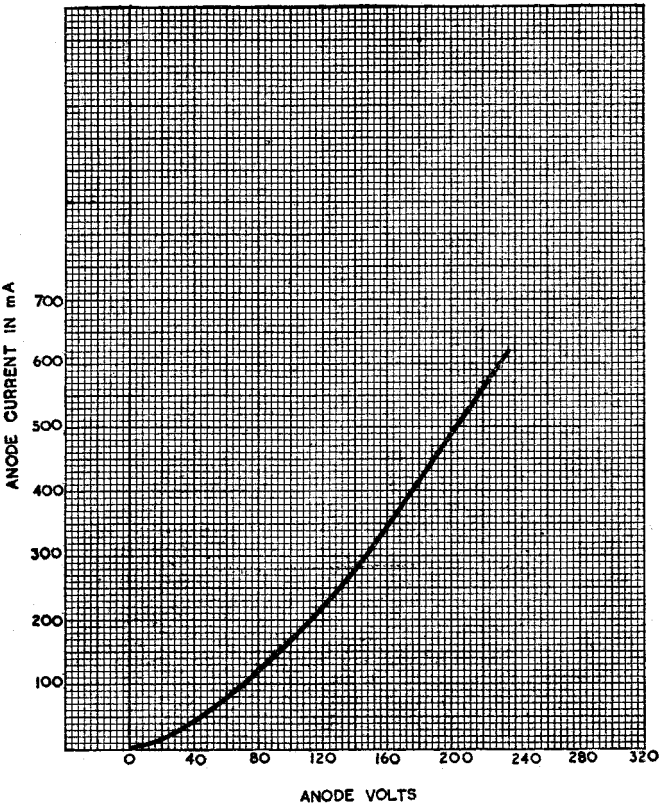
AVERAGE CHARACTERISTIC CURVE

Curve taken with a short duration pulse



July 1948 RADIO DIVISION Issue 1/6

THE EDISON SWAN ELECTRIC COMPANY LTD

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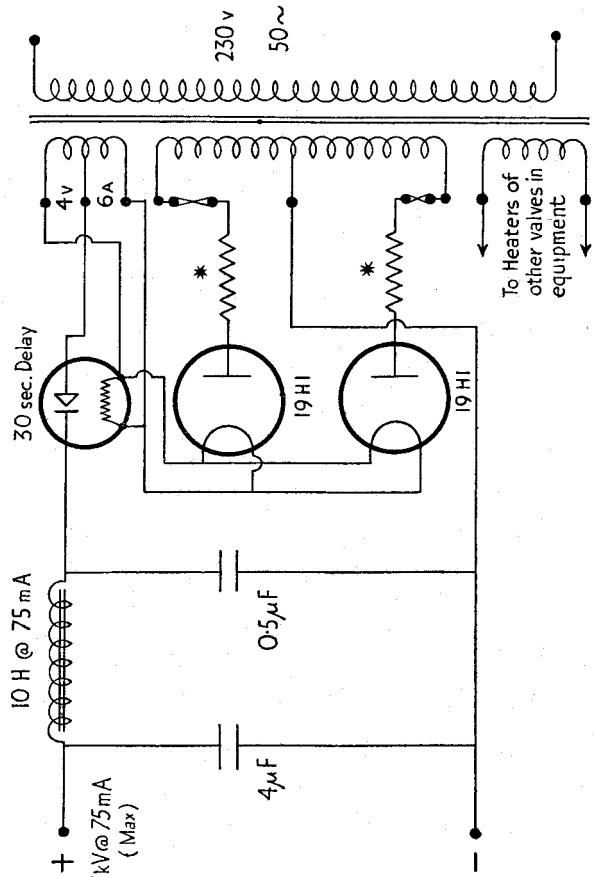

CIRCUIT DIAGRAM SHOWING TYPICAL USE OF 19.H.1

*Note : *The minimum limiting resistance may be obtained in the distributed resistance of the transformer winding.*

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