Osram Valves

Made in England.

Maximum Dimensions :

Overall length (including pins)
112 m/m.

Diameter of bulb
45 m/m.

TYPE MHL4

MEDIUM IMPEDANCE TRIODE.

With Indirectly Heated Cathode.

(For operation from A.C. Mains).

The OSRAM MHL4 is an Indirectly Heated Cathode Valve suitable for filament heating through a transformer of suitable ratio from A.C. supply mains.

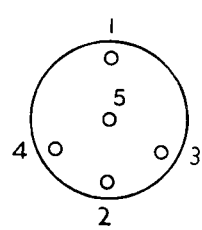
The valve provides characteristics intermediate between the High Amplification Factor and the very Low Impedance types. It is a very useful valve for circuits in which a high degree of voltage amplification combined with moderately low value of impedance is required, such as the stage preceding an L.F. transformer designed for a valve of about 8,000 ohms.

CHARACTERISTICS.

Heater Volts	4.0			
Heater Current	1.0 amp. approx.			
	Max.			
Anode Volts	250	200	150	100
Grid Volts (for operation in amplifier)		-6	-4	-3
Anode Current average		7.0 ma.	5.5 ma.	2.5 ma
Amplification Factor				20
Impedance				8,000 ohms.
Mutual Conductance				2.5 ma./v.

(measured at grid volts 0

For prices see pages 126-129.



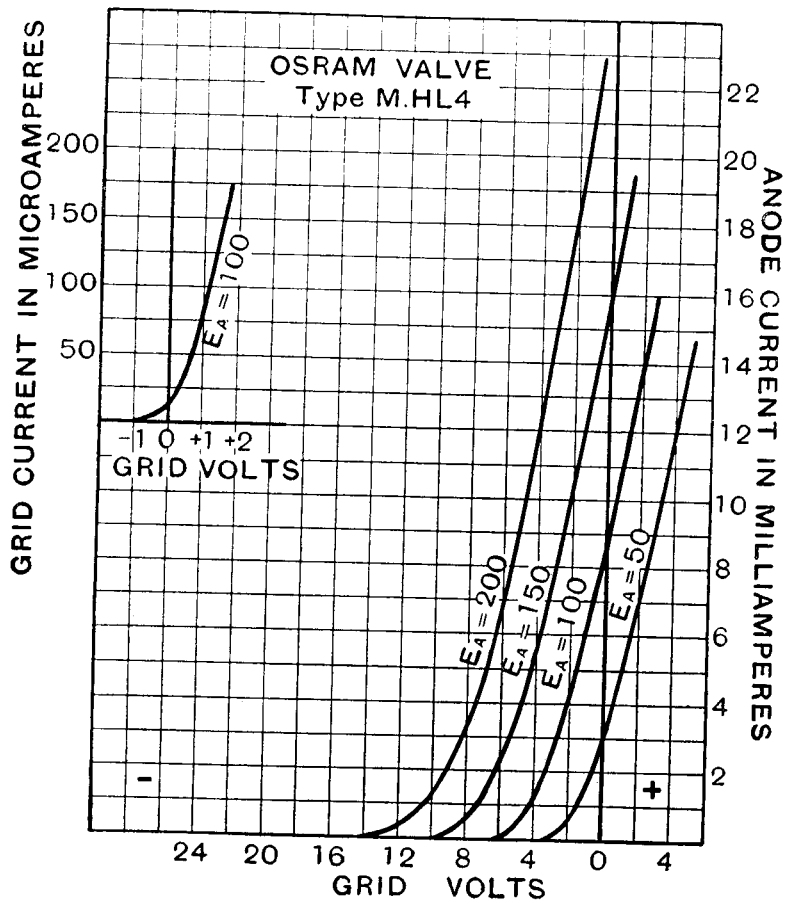
View looking on underside of base.

BASE, 5-pin.

1: Anode
2: Grid
3: Heater
4: Heater
5: Cathode and Metallising

Type MHL4 has a carbonised bulb and can be supplied metallised if required.

TYPE MHL4



CHARACTERISTIC CURVES OF AVERAGE VALVE.