

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).

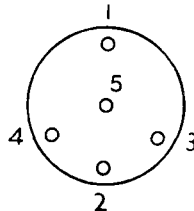
The OSRAM MHL4 is an Indirectly Heated Cathode Valve suitable for filament heating through a transformer of suitable ratio from A.C. supply mains.

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	..	..	..	..	..	-6	-4	-3
(for operation in amplifier)								
Anode Current average	..	..	..	..	7.0 ma.	5.5 ma.	2.5 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.



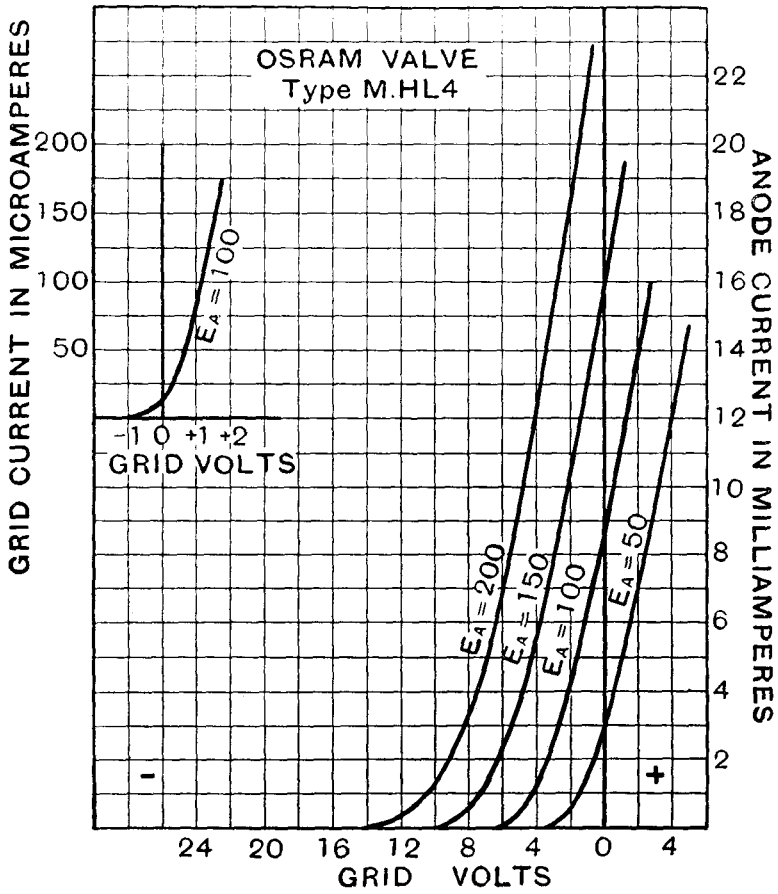
View looking on
underside of base.

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.