

# V.P.13A

## VARIABLE - MU H.F. PENTODE

### OPERATING DATA

Heater Current	.. ..	0.2 A.
Heater Voltage	.. ..	13.0 V.
Max. Anode Voltage	.. ..	200 V.
Max. Auxiliary Grid Voltage	.. ..	100 V.

### CHARACTERISTICS

- (1) At Anode Volts 200 ; Auxiliary Grid Volts 100 ; Control Grid Volts -2.

Anode Impedance	..	1.0 megohm.
Amplification Factor	..	2,200
Mutual Conductance		2.2 mA./V.

- (2) At Anode Volts 200 ; Auxiliary Grid Volts 100 ; Control Grid Volts -20.

Mutual Conductance		0.003 mA./V.
--------------------	--	--------------

### APPLICATION.

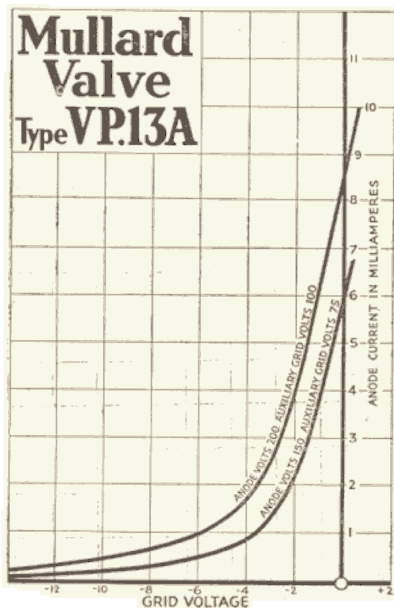
Radio frequency or intermediate frequency amplifier in circuits where volume control is exercised either manually or automatically by adjustment of grid bias. A recommended resistance network for obtaining auxiliary grid voltage and variable bias is shown on page 85.

### BASE.

"P" type Universal 8-contact base  
For connections see page 92.

### BULB FINISH

This valve is supplied with metallised bulb only.



PRICE 17/6

**Mullard**  
THE MASTER VALVE