

Osram Valves

Made in England.



Maximum Dimensions :
Overall length (including pins)
128 m/m.
Diameter of bulb 45 m/m.

TYPE VP21

"VARIABLE MU" SCREEN PENTODE AMPLIFYING AND DETECTOR VALVE

(For use with a 2-volt Accumulator).

The OSRAM VP21 is a 2-volt Pentode primarily suitable for operation as a Detector by virtue of its non-microphonic properties and screen-pentode characteristic.

The VP21 is also suitable for use in an Intermediate frequency Amplifier of a superheterodyne receiver, and as such the "variable mu" characteristic enables volume control to be effected by means of variation of grid bias without introduction of modulation distortion.

CHARACTERISTICS

Filament Volts	2.0 max.
Filament Current	0.1 amp.

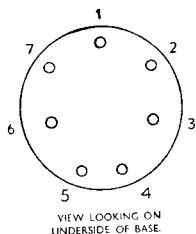
	Max.	Recommended Operating Conditions.			
		100-150			
		60			
Anode Volts	150	0	-1.5	-6	-9
Screen Volts	60	2.8 ma	1.5 ma	0.08 ma	—
Grid Volts	..	0.7 ma	0.38 ma	—	—
Anode Current average	..	1.1 ma/v	0.75 ma/v	0.05 ma/v	0.008 ma/v
Screen Current average	..				
Mutual Conductance	..				

Interelectrode Capacities :—

Anode-Grid (others earthed)	0.023 micro-microfarad approx.
Grid—other electrodes	10.6
Anode—other electrodes	6.5

(taken on metallised valve)

For prices see
pages 126-129.

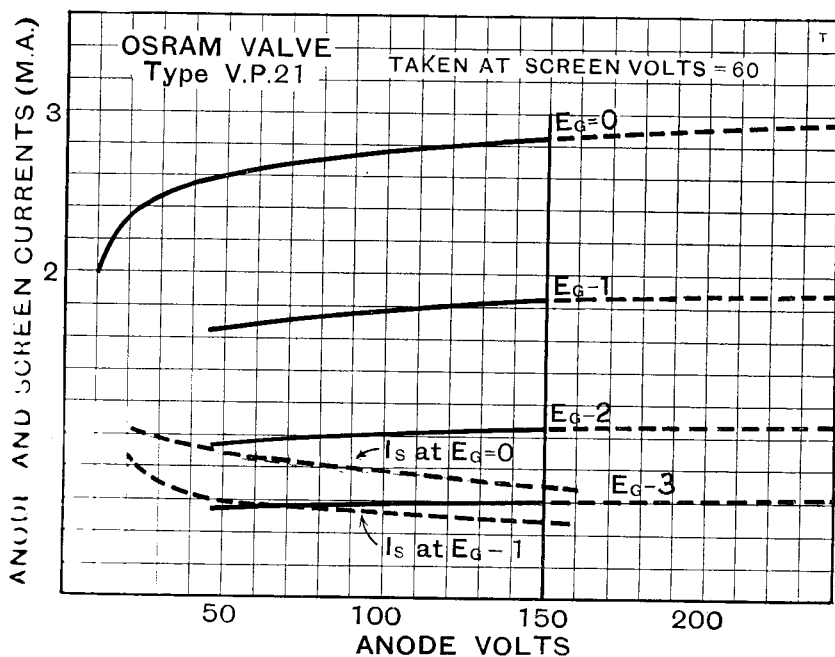
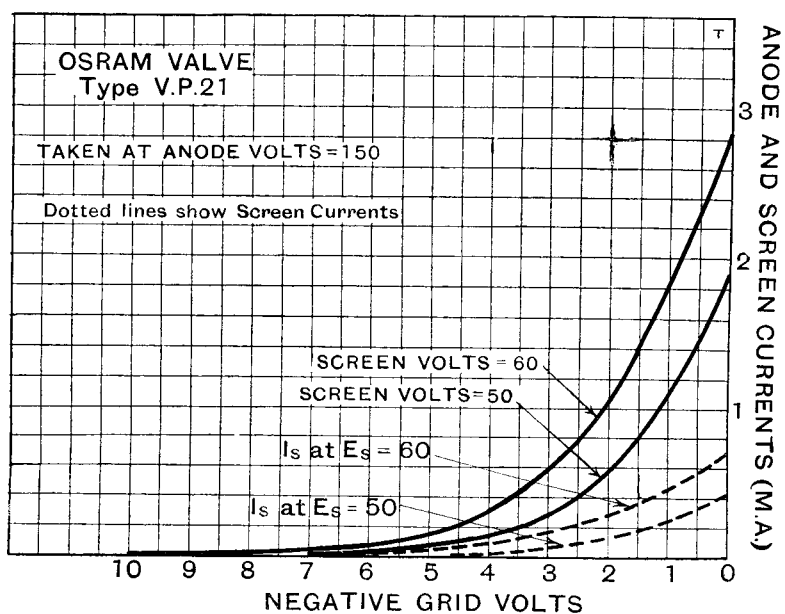


BASE, 7-PIN.

- Pin 1 : Metallising.
2 : Grid
3 : Suppressor Grid
4 : Filament
5 : Filament
6 : —
7 : Screen Grid
Top Cap : Anode

Supplied in metallised bulb only.

TYPE VP21



CHARACTERISTIC CURVES OF AVERAGE VALVE.