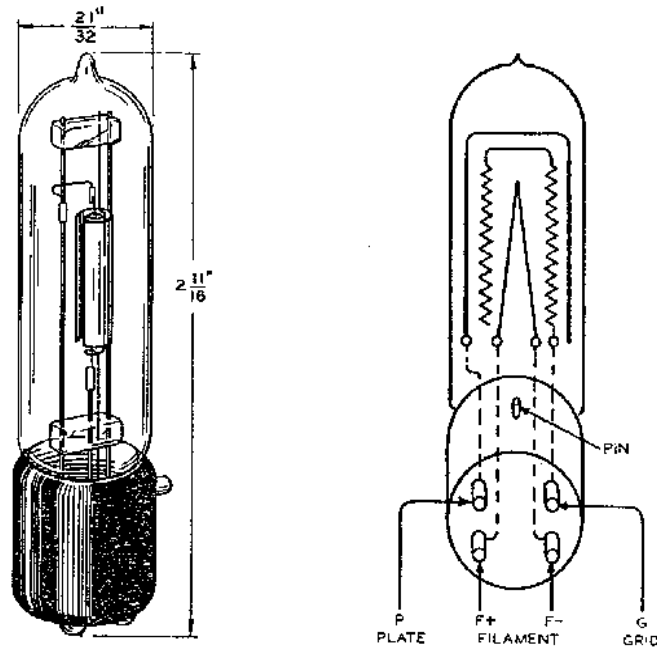


215A Vacuum Tube



Classification

The No. 215A is a three-element filamentary type tube which may be used as a detector or amplifier in applications requiring a tube of small size and low power consumption.

Base and Socket

The No. 215A employs a small four-prong bayonet pin type base suitable for use in a Western Electric No. 125B or similar type socket. The arrangement of electrode connections to the base terminals is shown above.

Rating and Characteristic Data

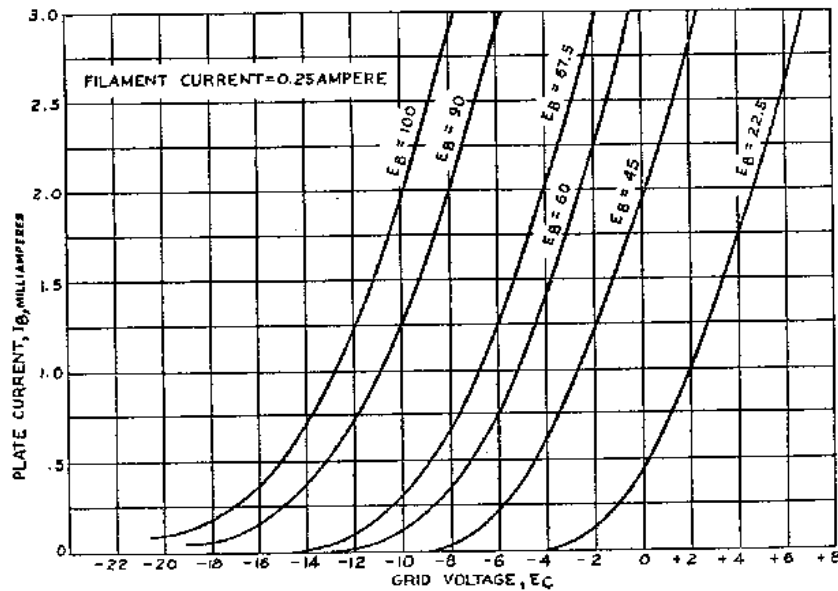
Filament Voltage.....	1.0 Volts
Filament Current.....	0.25 Ampere, DC
Plate Voltage.....	60 100 Volts Maximum
Grid Voltage.....	-3.0 -10.0 Volts
Average Plate Current.....	1.80 1.90 Milliamperes
Average Plate Resistance.....	13,700 14,800 Ohms
Average Amplification Factor.....	5.8 5.6

Approximate Direct Interelectrode Capacities

Plate to Grid.....	2.6 MMF
Plate to Filament.....	1.2 MMF
Grid to Filament.....	1.6 MMF

Average Static Characteristics

The accompanying curves give the average static characteristics of the No. 215A Vacuum Tube.



General Features

The No. 215A Vacuum Tube is the smallest Western Electric coded tube, its overall length being only 2 $\frac{1}{4}$ ". This, together with its low power consumption makes it particularly adaptable in portable equipment where compactness is essential.

It has a rugged filament which gives ample electron emission to insure uniform characteristics over a long life.