

No. 104-D VACUUM TUBES

(Dome)



Classification—Filamentary, power amplifier triode

This tube replaces the D-86327 tube and has been assigned the old code number 104D. It includes an improved filament, a new mechanical design using transverse mica supports and is mounted in a dome type bulb. The electrical characteristics are essentially the same as for the D-86327 tube.

Applications—Voice frequency and carrier frequency amplifier for telephone repeater equipment requiring greater power outputs than can be obtained from the 101D or 101F type tubes.

Volume limiter in carrier telephone equipment.

Amplifier in various testing apparatus.

Dimensions and Connections—The outline diagrams of the tube and base, giving the dimensions and the arrangement of the electrode connections to the base terminals are shown in Figures 1 and 2.

Base and Mounting—This vacuum tube employs a medium, four-pin bayonet type base having special contact metal at the ends of the pins. It is suitable for use in a Western Electric 100L, 100R or similar type socket, preferably provided with contact-metal contacts.

The tube may be mounted in either a vertical or horizontal position. If mounted in a horizontal position the plane of the filament, which is indicated in Figure 2, should be vertical. To assure adequate ventilation the tubes should be mounted with not less than $2\frac{3}{8}$ inches between centers when two or more tubes are used.