



**Shock Tests.** These tests are performed with no voltages applied on a sample lot of tubes from each production run. Tubes are subjected in these tests (per MIL-E-5400\*, par.3.2.21.2.1) to 18 impact shocks of 15g consisting of 3 shocks in opposite directions along each of three mutually perpendicular axes of the tube. Each shock impulse has a duration of  $11 \pm 1$  milliseconds with a maximum impact acceleration occurring at approximately 5.5 milliseconds. Tube mounting accessories assure the rigid fastening of the tube to the shock test apparatus.

**Temperature-Humidity Tests.** These tests are performed with no voltages applied to the 7263A. The 7263A is subjected (per the method of MIL-E-5400\*, par. 3.2.20.2B) to relative humidities up to and including 95 per cent at temperatures up to and including  $+50^{\circ}$  C.

§ Tube socket such as Cinch No.54A18088 and RCA Assembly No.200SDU501, or equivalent, which consists of the deflecting coils, focusing coil, alignment coil, shield, and target connector.

♦ 5 June 1957, Procedure 1 of Military Specification.

\* 1 January 1956.

#### TYPICAL COMPONENT ASSEMBLY FOR TUBE OPERATION UNDER SEVERE ENVIRONMENTAL CONDITIONS

