

Fig. 1: The BNC connector on the CH255 connects to the test lead input on the Z-METER.

To connect the CH255 to the Z-METER:

1. Locate the test lead input on the front of the Z-METER.
2. Remove the 39G143 Test Leads by turning counter-clockwise and gently pulling outward.
3. Connect the BNC connector from the CH255 to the test lead input on the Z-METER by gently pushing forward and turning the BNC clockwise.

SET-UP OF THE CH255 COMPONENT HOLDER

The CH255 allows you to test most caps and coils. The stationary Radial Test Sockets (See Figure 2) let you test most radial lead components. The Axial Test Clips (See Figure 2) are moveable so you can adjust them to fit both small and large components.

Place the CH255 Component Holder in the position to be used for testing. It is important to perform this step prior to zeroing the CH255's capacitance and inductance.

ZEROING THE CAPACITANCE, INDUCTANCE, AND ESR

The CH255 Component Holder is specifically designed to have low capacitance, inductance, and ESR, enabling the lead zero of the Z-METER to function properly. You should eliminate the CH255 Component Holder's capacitance, inductance, and ESR prior to making measurements with the Z-METER, to maintain proper accuracy. To do this, you must have the CH255 connected to the Z-METER and setup for testing as explained earlier. Then, follow the test lead zeroing instructions outlined in the Operation Manual for the Z-METER.

NOTE: To zero the inductance of the CH255 Component Holder, you need to short either the Axial Test Clips or the Radial Test Sockets. A piece of wire is required to make this short. Always remove the wire after zeroing the inductance.

CONNECTING COMPONENTS

The CH255 Component Holder provides two methods of holding components to be tested. 1. the Radial Test Sockets, and 2. the Axial Test Clips. When inserting a component, always observe polarity. The CH255 is color coded to aid with component insertion. The right-hand connectors are colored red (+) and the left-hand connectors are black (-).

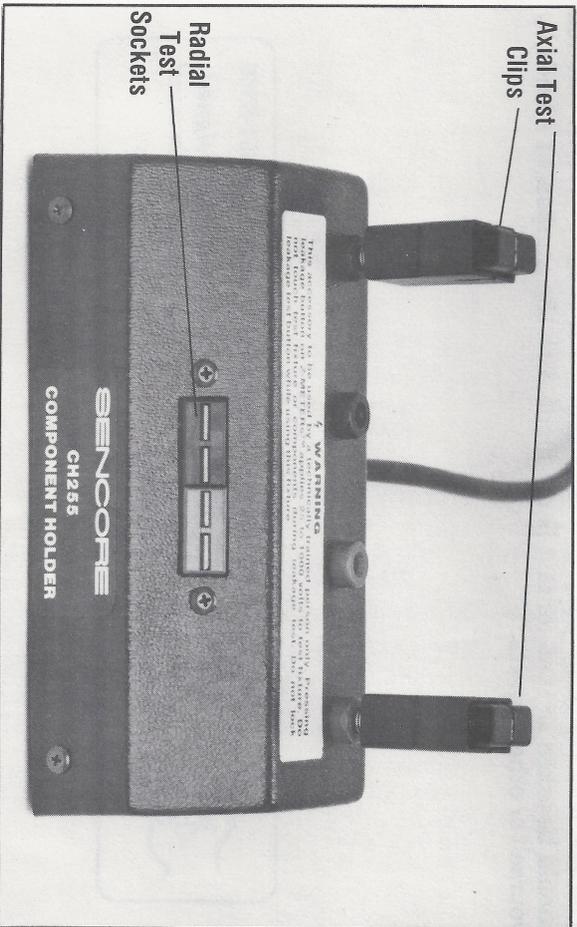


Fig. 2: The CH255 provides two methods of holding components: A) Axial test clips, B) Radial Test Sockets.