

CAUTION: A component incorrectly installed may give false readings or be damaged during certain tests. Always observe polarity. Test only one component at a time.

To install components into the Radial Test Sockets:

1. Observe correct polarity.
2. Align the component's leads with the slots in the center of the test sockets.
3. Gently push the component's leads into the socket.

To install components into the Axial Test Clips:

1. Observe correct polarity.
2. Align the component's leads with the slots in the middle of the test clips.
3. Gently push down on the component's leads.

You are now ready to test the component with the Z-METER. Caution should be taken so that contact is not made with the component's leads by yourself or other objects.



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CH255 COMPONENT HOLDER

DESCRIPTION

The CH255 Component Holder is an accessory for any Z-METER™, which gives you easy, hands-free capacitor and inductor analyzing capabilities in the safest possible manner. The CH255 substitutes for the 39G148 test leads (supplied with the Z-METER) for most applications, however, some applications of the Z-METER may still require their use. The CH255 Component Holder allows you to connect components to the Z-METER by simply sliding the component into the specially designed holders.

SPECIFICATIONS

Maximum applied voltage: The CH255 Component Holder operates with up to 1,000 VDC applied from the Z-METER.
Cable length: 33"; (84 cm.)
Size: 2 1/4" x 6" x 3" HWD (5.4 x 15.2 x 7.6 cm.)
Weight: 13 ounces (371 grams)

OPERATION

WARNING

This accessory is to be used by a technically trained person only. Pressing leakage button the the Z-METER applies up to 1,000 volts to the test fixture. Do not touch the test fixture or components during a leakage test. Do not lock the leakage test button down while using this fixture.

The CH255 Component Holder may be used with any of the Z-METERS, and the Z-METER tests should be performed in the same manner as with the 39G148 Test Leads. For error-free testing, use the operating instructions for the Z-METER, and the following procedures for using the CH255.

CONNECTING TO THE Z-METER

The CH255 Component Holder is equipped with a BNC connector at one end of the low capacitance coaxial cable. This connector substitutes for the BNC of the 39G143 Test Leads (supplied with the Z-METER) to connect to the test lead input on the front of the Z-METER.