SENCORE

CH256 CHIP COMPONENT TEST LEAD

DESCRIPTION

The CH256 Chip Component Test Lead is a Z-METER™ accessory for testing small chip components out of circuit. The CH256 is used in place of the 39G554 test leads (supplied with the LC103) when testing chip components. The tweezers end of the CH256 allows for easy connection to chip components, while the Z-METER performs all of its tests. Follow the procedures in the instruction sheet for using the CH256, and the procedures listed in the LC103 operation manual for its operation.

SPECIFICATIONS

Maximum Applied Voltage: The CH256 Chip Component Test Lead operates with up to 1,000 VDC applied from the Z-METER.
Cable Length: 36 inches; (91.4 cm.)
Weight: 1.5 ounces; (43 grams)

OPERATION

The CH256 Chip Component Test Lead connects to the test lead input of the Z-METER. The tweezers tip supplies tabs for connection to small chip components. When the CH256 is used properly the Z-METER performs all tests with the same accuracy specified for the Z-METER.

WARNING

This accessory is to be used by a technically trained person only. Pressing the leakage button on Z-METERs applies up to 1,000 VDC to test leads. Do not touch test lead tips or components during any tests. Do not lock the leakage test button while using the CH256.

CONNECTING TO THE Z-METER

The CH256 Chip Component Test Lead is equipped with a BNC connector at one end of the low capacitance coaxial cable. This connector substitutes for the BNC of the 39G554 Test Leads (supplied

with the Z-METER) to connect to the test lead input on the front of the Z-METER.

To connect the CH256 to the Z-Meter:

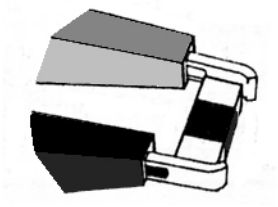
1. Locate the test lead input on the front of the Z-METER.
2. Remove the 39G554 Test Leads by turning counter-clockwise and gently pulling outward.
3. Connect the BNC connector from the CH256 to the test lead input on the Z-METER by gently pushing forward and turning the BNC clockwise.

ZEROING THE CAPACITANCE, INDUCTANCE, AND ESR

The CH256 Chip Component Test Lead provides two metal tabs at the end of the tweezers. These tips are for making contact with the end plates of the chip component. Simply place the metal tabs over the ends of the component, gently squeeze, and test.

Always observe polarity of the component to be tested. The CH256 provides a color coded tweezers for observing polarity, with the red side being positive (+) and the black side being negative (–).

Fig. 1: Gently squeeze the tweezers to make connection with the chip components end plates.



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