

## TW-01 SMD Tweezers for LCR Meters SMD 測試夾

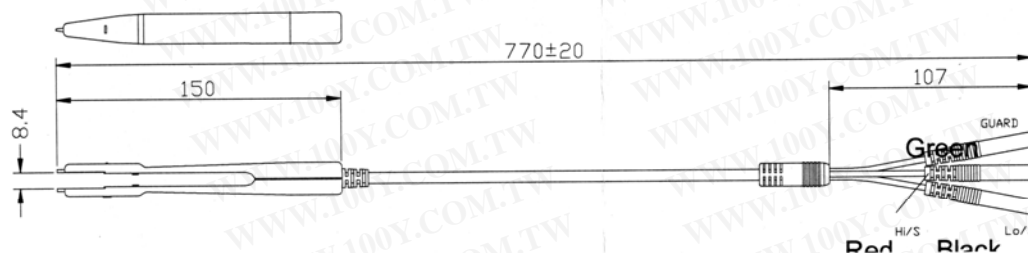


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### SMD Tweezers

This SMD Tweezers is used for L/C/R meter built-in banana input terminals. It is much convenient to measure the SMD components.

Recommended for measuring surface mount device as well as maximum open of tweezers. The tweezers has one red, one black and one green 4 mm shrouded plugs, which are connected to the meter's "+"(H-SENSE), "-"(L-SENSE) and GUARD ends, respectively. The length is 770 mm (30.3") approximately. See below Figure.



#### Electrical Characteristic

| Parameters                        | Test Condition | 100Hz    | 120Hz    | 1kHz     | 10kHz    |
|-----------------------------------|----------------|----------|----------|----------|----------|
| <b>Cp</b><br>Parallel Capacitance | Tweezers Open  | < 5.0 pF | < 5.0 pF | < 5.0 pF | < 5.0 pF |
| <b>Rs</b><br>Series Resistance    | Tweezers Short | < 0.15Ω  | < 0.15Ω  | < 0.15Ω  | < 0.15Ω  |
| <b>Ls</b><br>Series Inductance    | Tweezers Short | <1.0 μH  | <1.0 μH  | <1.0 μH  | <1.0 μH  |

Notes: 1. The specification is specified at 23°C±5°C and <75% R.H.

2. The tweezers is recommended to measure the SMD components for C<200μF or L<20mH or R<10MΩ.

#### Environmental Condition

This Tweezers is for Indoor use/Altitude up to 2000m.

**Operation temperature:** 0°C~40 °C (32°F~104°F), R.H. 80%.

**Storage Temperature:** -20°C to 60°C(-4°F~140°F)

#### ⚠ WARNING!

To avoid electrical shock, never use wet Tweezers for your instruments.

#### Cleaning

Before cleaning the tweezers, make sure it is disconnected from the meter and test point. To clean the tweezers, wipe the dirty parts with gauze or soft cloth soak with diluted neutral detergent. After cleaning, leave the test lead until it dries completely.