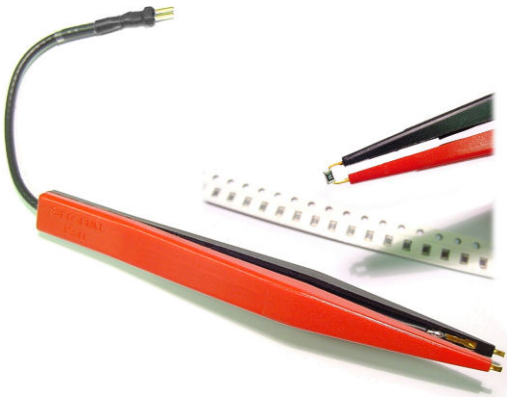
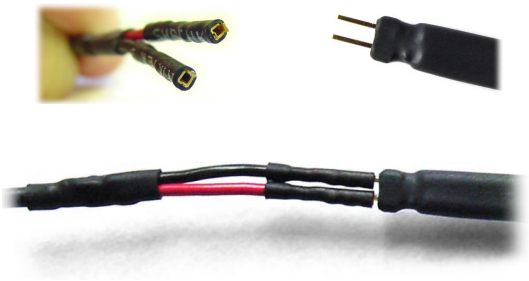


Surface Mount Device Probe Tweezers

Model SMD03

for the Atlas LCR

User Guide Supplement



Connect the Atlas LCR to the Tweezers

The pins of the tweezers cable are square section and must be carefully inserted into the square holes of the Atlas LCR cable.

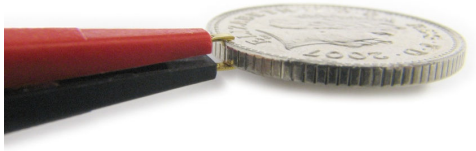
The pins do not require forcing into the sockets. If you are having difficulty, look carefully at the orientation of the square section hole and pin and ensure that they are aligned before inserted.

Connection polarity is unimportant for most applications.

Probe Compensation Procedure

Once the Tweezers have been connected to the Atlas LCR, it is necessary to perform a simple probe compensation procedure. This ensures that the tweezers' own inductance, capacitance and resistance are taken into account when measuring components.

The tips can be shorted (for probe compensation) by placing a suitable coin between the tips of the tweezers. Keep the tips in good contact with the coin until the Atlas LCR instructs you to open the probes. This is very important if good probe compensation is to be achieved.



Now, ensure that the Atlas LCR is switched off, then press and hold the **on-test** button down until the following message is displayed:

`Probe Compensation`

The unit will then ask you to short the probes.

`Please short the probes`

As the probes are already shorted with the coin, the unit will then proceed to ask you to open the probes.

`Now open the probes`

Simply let the tweezers open and ensure that you are not touching the tips at all.

If this has been successful, the Atlas LCR will display `OK` before switching off. The Atlas LCR is now ready to use.

The Atlas LCR is designed to test discrete, unconnected components.
Testing of components "in-circuit" will result in unpredictable measurements.