

IC lead peel test

## How to test bonds » Tweezer Pull

[www.tweezerpull.how](http://www.tweezerpull.how)

This extensive how-to consists of 9 paragraphs and 6 pages. Please use the navigation on the right.

### 1. Introduction

This manual is a guide advising what to consider and how to best perform a Tweezer Pull test. Also described is tweezer peel testing. More on [Cold Bump Pull testing](#), a type of Tweezer testing on solder balls or bumps, can be found in a [separate how-to](#).



USB Tweezers wire pull

Tweezer pull and peel tests are normally not difficult to do, if you own the right equipment. This how-to covers a variety of subjects. Follow it to obtain consistent results and the highest degree of quality assurance.

### 2. What are tweezer pull and peel?

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#### Bond testers

- Condor *Sigma*
- Condor *Sigma Lite*
- Condor *Sigma W12*
- Condor *150HF*

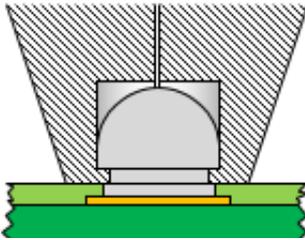
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Tweezer peel test on solar panel

Tweezer pull is simply a pull test performed by a tweezers. During the test an upward force is applied to a wire, a ribbon or some other feature on your sample after being gripped by the tweezers. In many cases, the sample has to be prepared for testing first.

A peel test is essentially the same, but apart from an upward movement, the XY stage also does a controlled move. Normally, the purpose is to maintain a perpendicular force on the ribbon or wire being pulled off the substrate.



[Click here for our how-to on Cold Bump Pull testing](#)

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Next page: Tweezer design

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