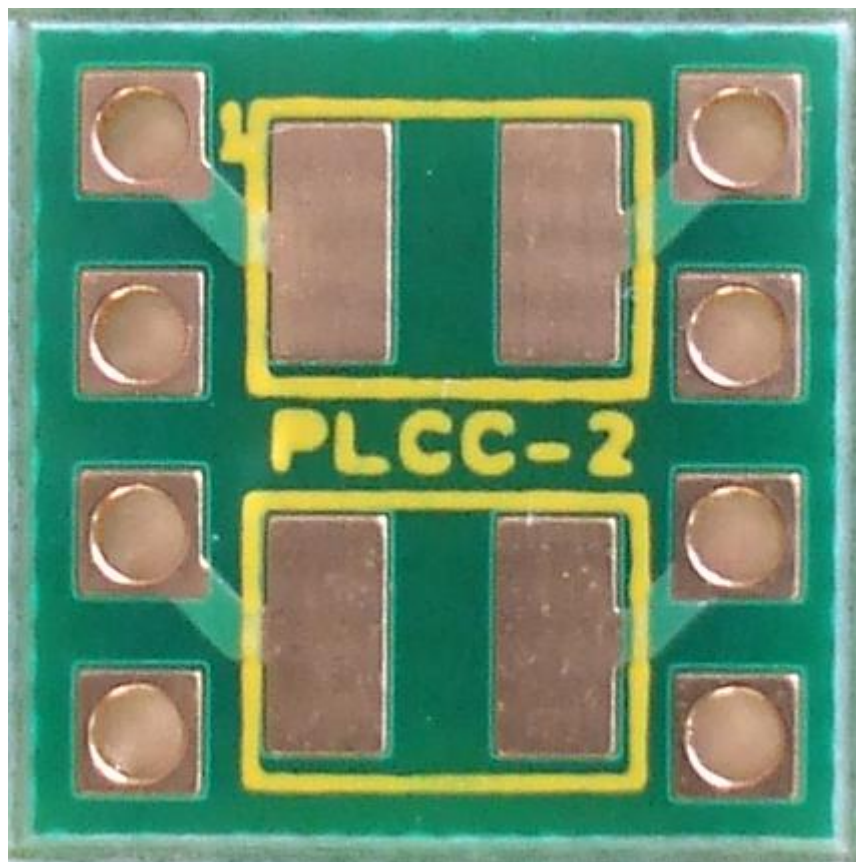# ADAPTER for PLCC-2 devices

Dimensions of our adapter: 10.7 x 10.7 x 1,5 mm

Our reference: 02305A

Aplication: Is possible to connect until 2 independent PLCC-2 devices.
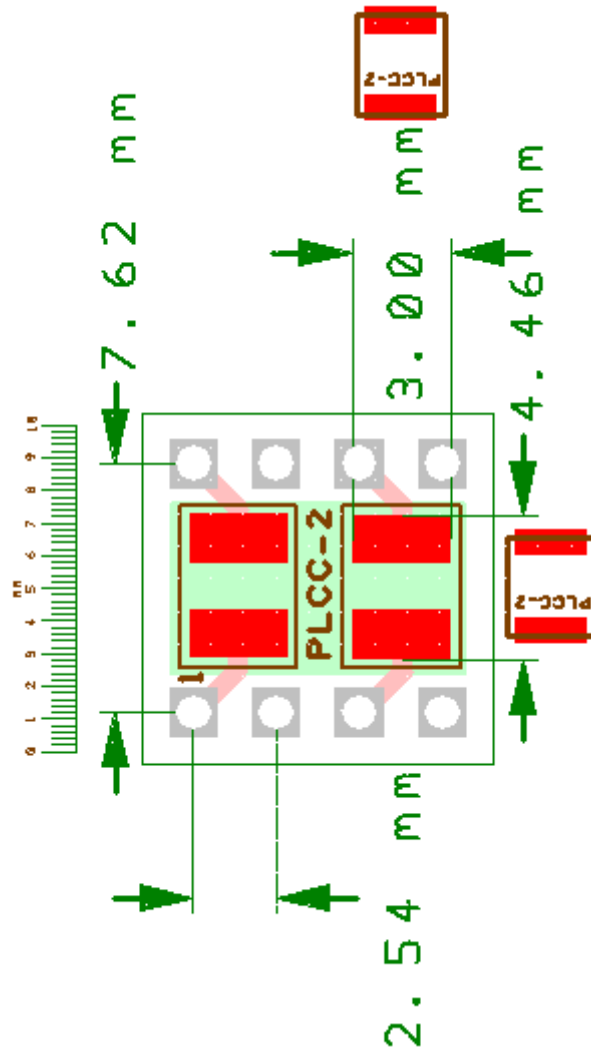Example: test of PLCC-2 led circuits in a breadboard.

In the photo is possible to see the green solder mask around the pads and protecting the tracks in this adapter.

Solder mask exist only around pads and is used to minimize the risk of building solder bridges between pads, that are easy to happen when the device is hand soldered.

Product description: Breadboard adapter for 2 units of PLCC-2 devices mainly as leds. This adapter accepts row connectors with 2,54 mm pitch: is breadboard compatible.

Technology: Plated through FR4 pcb, with solder mask to avoid shorts between pads when hand soldered, as shown in photo. All holes are plated through. The surface of pads in this adapter, is chemical gold plated.

Dimensions:

Heatsink: bottom layer works as a small heatsink.

Aplication: Is possible to connect until 2 independent devices.

PCB contour is scored: if several units are supplied, is easy to break the block in individual adapters.

Hand soldering: should be applied a liquid flux, for easy soldering to the gold surface.

Handling: is important before soldering, to avoid fingerprints over the gold plated surface of the pads.

Links about PLCC-2:

LINKS PLCC2
http://www.vishay.com/docs/81621/vlmb31.pdf
http://www.toshiba-components.com/LEDS/led_smd_plcc.html
http://www.avagotech.com/pages/en/leds/surface_mount_plcc_leds/plcc-2_leds/
http://www.oznium.com/plcc-2
http://www.cree.com/products/ledlamps_plcc.asp
http://www.unique-leds.com/index.php?target=categories&category_id=186
http://www.optekinc.com/viewparts.aspx?categoryID=52
http://www.phenoptix.com/index.php/surface-mount-smd/plcc2-3528.html
http://www.niktronixonline.com/category_s/91.htm

Basic information:

http://www.polyonics.com/PubDocs/SMT%20Dictionary.pdf

Links for SMD soldering:

http://www.ibselectronics.com/pdf/pa/walsin/smt_notes.pdf

http://www.4shared.com/document/Ma1BZxT7/Low_Cost_SMD_Soldering_Guide.html

http://www.4shared.com/get/oyPNr6_C/smd_soldering.html

Please visit our site for updates and new adapter types:

http://www.breadboard-adapters.com/

To any questions or feedback please email:

sales@breadboard-adapters.com