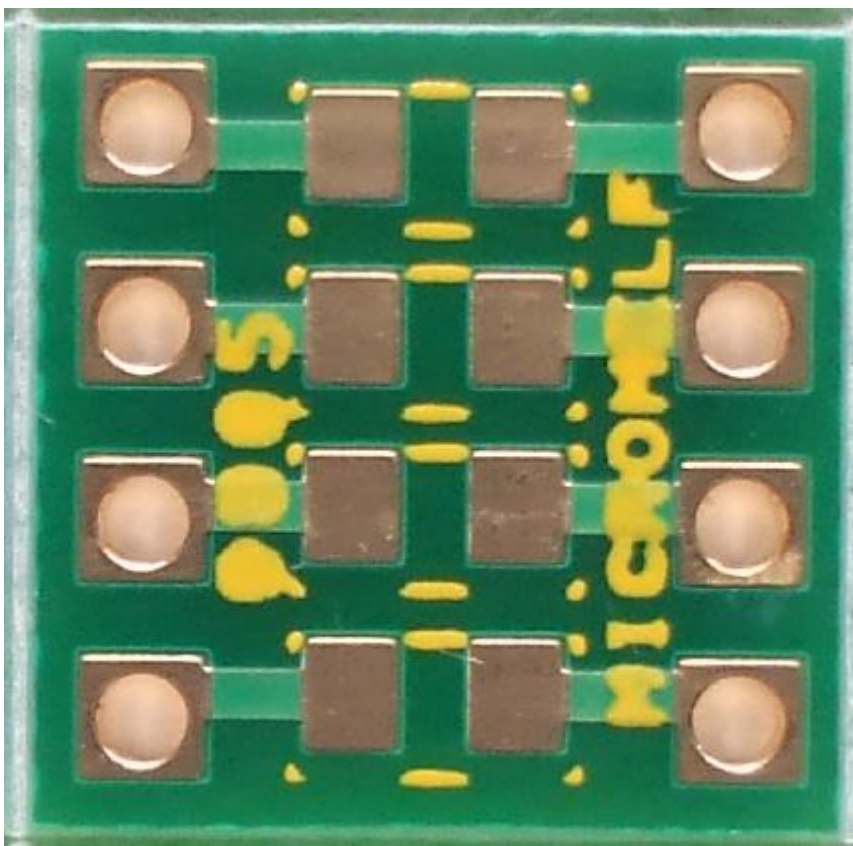# ADAPTER for 0805 or MICROMELF devices

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

**Our reference:**  02005A

**Aplication:** Is possible to connect until any 4 independent devices in a 0805 or MICROMELF package.
Examples: 2 RC circuits with devices with 0805 package or  resistor - diode circuits.



In the photo is possible to see the green solder mask as small windows around each pad and also protecting the tracks in this adapter.

Solder mask is more important for devices with a small pitch .

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 devices with 0805 or MICROMELF  package mainly as resistors, capacitors, diodes  and 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.

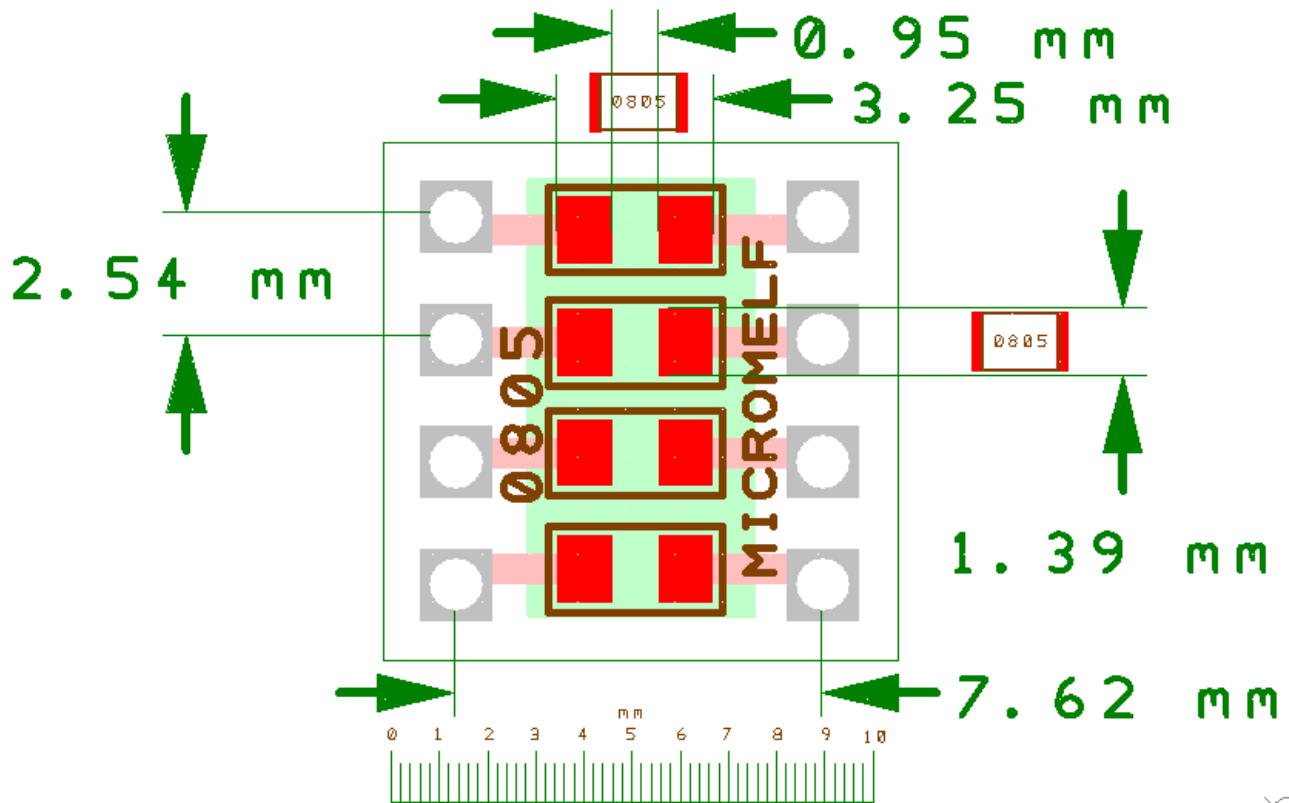**Heatsink:** bottom layer works as a small heatsink.

**Aplication:** Is possible to connect until 4 independent devices. Application example: 2 RC circuits with 0805 package.

**PCB contour is scored:** if several units are supplied,  is easy to break the block in individu-

al 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 0805:**

http://www.panasonic.com/industrial/components/pdf/AOA0000CE1.pdf
http://www.prpinc.com/pdf/Chip_Pad_Layout_Sgl_Element.pdf
http://www.avagotech.com/pages/en/leds/surface_top_mount_mono_color_chipleds/0805_2.0_x_1.2mm_packages/
http://www.etgtech.com/pdf/oldspecs/ETG-0805.pdf
http://www.dialight.com/Assets%5CBrochures_And_Catalogs%5CIndication%5CMDEI5980805.pdf
http://www.murata.com/products/catalog/pdf/o05e.pdf
http://www.vishay.com/docs/28745/soldpads.pdf


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

**Links for SMD soldering:**
http://www.infidigm.net/articles/solder/#pinbypin
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:

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