

**ELPAC**

powered by

**MEGATRON**

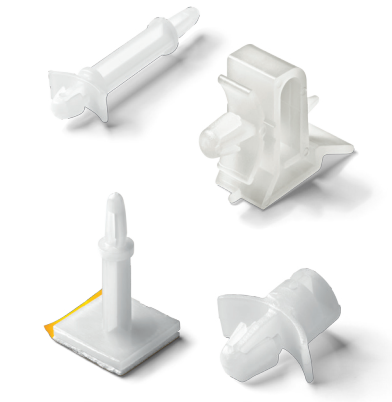


Online  
in our  
B2B-Shop

# ELECTRONICS COMPONENTS

Fastening Technology, Cable Tie &  
Cable Protection, LED-Technology

# Fastening Technology



## PCB Spacers

For your PCB design

Wide selection of plastic circuit board spacers in different designs to ensure the desired clearance between the case and the board or between boards. Depending on the function they can be screwed, are self-adhesive with adhesive film, suitable for blind hole mounting or key slot holes. The mounting of the spacers is very straightforward. Most models have a self-locking snap fastening.



## Stand-Offs

For your PCB design

Wide selection of stand-offs in different shapes made of metallic materials, plastics or metal / plastic combinations. We offer standoffs with internal / external thread, internal / internal thread and external / external thread as hexagon or with round outer shell. The wide range of different distance heights and thread sizes allows to find the right product for your application.



## Spacer Sleeves

For your PCB design

Wide selection of spacer rollers and spacers made of plastic. They have no internal or external thread. Above all they are for insulation or protection of components. The wide range of different distance heights, dimensions and through holes diameters allows to find the right product for your application.



## Rivets / Expanding Rivets

The easy and uncomplicated way to connect two components

Wide range of expanding rivets, blind rivets and rivets with plastic snap fastener. We offer rivets that can be released again and rivets that can be mounted without tools. With a rivet, the permanent joining of two work pieces is quick, easy and simple.



## PCB Guides

PCB Guides for PCB assembly

For the stable mounting of PCBs in housings or at other housing parts, we offer a wide selection of vertical and horizontal PCB guides with different wall heights in plug-in or self-adhesive versions.

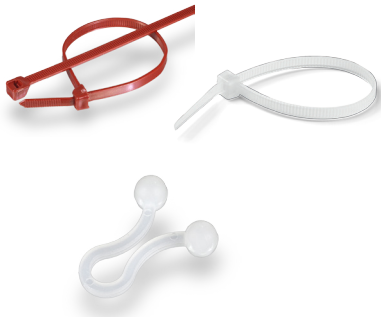
# Cable Mounting



## Cable Mounts

Easy and fast fixing of cables

The versatility of our cable holders hardly limits your mounting requirements. You have the choice between cable holders for gluing, plugging, screwing or as a hook and loop fastener. Various diameters allow the bundling of one or more round and flat ribbon cables. In addition you can choose locking mechanism with various functions.



## Cable and Twist Ties

Bundle cable quickly and reliably

Cable and twist ties ensure the secure, simple and effective bundling of individual cables. They are the simplest means of securing the wiring harness. A wide range of disposable, reusable and double-head cable ties with various types of fasteners, bundle diameters, tensile strengths and lengths are available for your desired application. Tools or other aids are not required.



## Cable Tie Fixtures

The practical solution for fixing cable ties

The add-on for your cable tie. With the cable tie fasteners you simply, quickly and safely fix bundled cable harness over the cable tie on the PCB or on the housing. There are cable ties with adhesive base or screw base for mounting available.

# Cable Protection



## Grommets

Protect your cables from abrasion and sharp edges

With our grommets your cables are protected from sharp edges and abrasion. Simply insert the grommet into the hole of the electrical housing or PCB and pass the cable through the hole of the grommet. The overlap of the grommet provides a secure hold around the drill hole. Also the grommet material prevents cable abrasion.



## Heat Shrinking Tubes

Insulation and protection against mechanical stress

Shrinking tubes safely insulate the cable connection against its environment and provide protection against mechanical stress. A wide range of shrinking tubes diameters and shrink rates is available for your application.



## Cable Strain Reliefs and Spiral Wraps

Efficient protection against mechanical stress

We offer strain reliefs that protect your cables from high mechanical stresses and significantly reduce the risk of unwanted consequences - like cable fire. Our strain reliefs are available in numerous diameter variants.

# LED-Technology



## Rigid Fibre Optic Light Pipes

Guide the light to where you desire

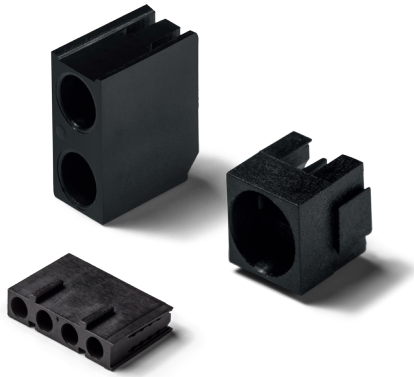
With rigid plastic optic light guides you can cleanly and safely transmit your light source from SMD LEDs to the front panel. Numerous light guide variants with different designs, heights and face shapes (lens shapes) are available.



## Flexible Fibre Optic Light Pipes

Guide light to the desired place

MEGATRON supports to move light. Flexible light guides offer in very high quality the greatest possible design freedom for color transmission to the front panel.



## LED Holders and LED Sockets

Safe hold of the LED on the PCB

MEGATRON offers a wide selection of LED-holders and sockets for LEDs on the printed board. LED holders are designed for stacking them together. Vertically or horizontally as well holders for 3 mm or 5 mm LEDs are available. The exact fit of the LED is ensured by bending the legs/pins through the LED holder. The height of the holder is customizable in combination with LED spacers.



## LED Spacers

Exact distance and height of the LED to the front panel

With LED spacers you determine the exact height of the LEDs to the front panel. Numerous spacer designs for 3 mm or 5 mm LEDs and additional functions like fixing fins are ready for your application.

MEGATRON Elektronik GmbH & Co. KG is a leading German supplier of precision sensors, industrial joysticks, small plastic parts and electronic housings. Founded in 1960, MEGATRON is an owner-run company based in Putzbrunn near Munich, Germany. It develops, produces and markets its own products as well as those of its longstanding international partners all over the world. MEGATRON works closely with OEM customers to develop individual and economical product solutions. A wide selection of immediately available stock items completes the portfolio.

Edition November 2018