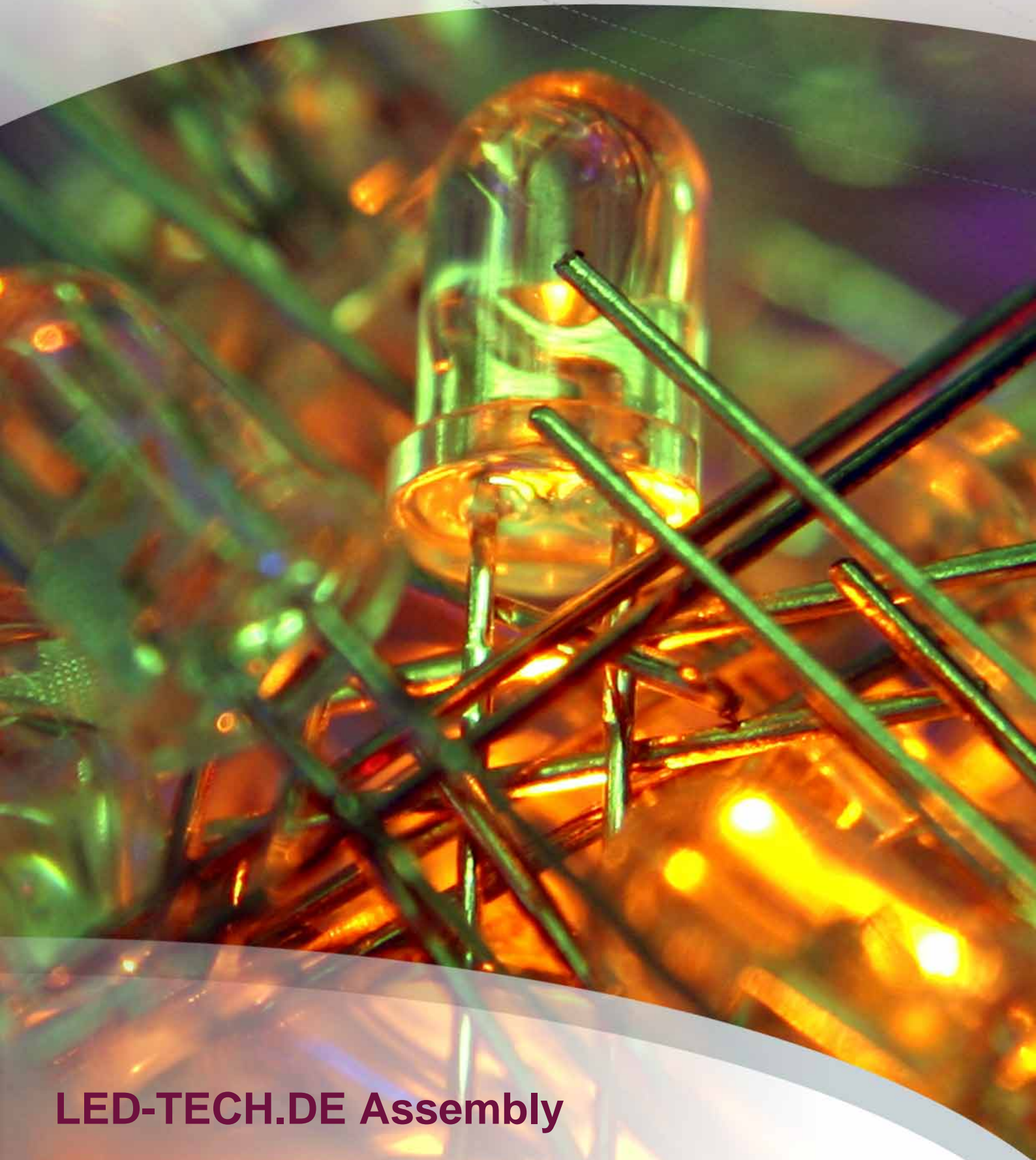


LED-TECH.DE

OPTOELECTRONICS



LED-TECH.DE Assembly

Heat Conductive Paste (5g Tube)

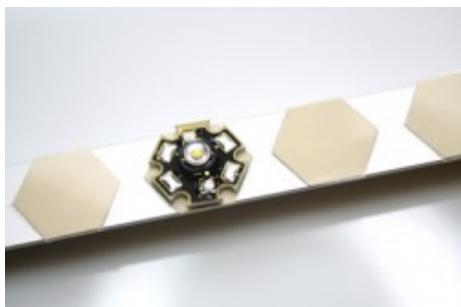


Heat-conductive paste for all applications with high power LEDs from Luxeon, Seoul, Osram or other manufacturers. All high power LEDs should have permanent and plane contact to a heat sink or other cooling plate to avoid thermal damage or destruction.

Please note that all applications with LEDs in continuous or pulse duty should have enough cooling...

Part Number: LT-0053

Heat Conductive Pad 6 squared



Part Number: LT-0671

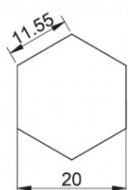
Diameter: 20.0mm

High quality electrical insulating 3M coolpads!

The possibly easiest way of mounting high power LEDs. The pads are already manufactured for use with Star LEDs. The 6 square form makes it very easy to use. The heat dissipation of this coolpads is much more effective than heat conductive paste could ever be because they are plain and not subject to the human eye regarding a homogeneous surface.

They are very useful for pilot productions, too: Just paste and go!

Tip: For high power LED applications, even those in duration use, please always take a high quality heat conductive glue!



Heat Conductive Paste in practical bottle



Zalmans new heat conductive paste "ZM-STG1" is to be coated by an included brush for more homogeneous surfaces. It lowers the heat about 5% more than common heat conductive pastes do.

One bottle contains 3.5g and lasts for several LEDs.

Technical Data:

- Filling: 3.5g
- Relative Density: 2.86
- Heat Conductive Value: 4W/mK
- Temperature Stability: -45°C to 150°C (-49°F to 302°F)

Part Number: LT-0773

Housing Color: transparent



Heat Conductive Glue Arctic Silver



The Arctic Silver Adhesive heat conductive glue is a two components glue of 62% - 65% silver oxide for a high heat conductive coefficient of about 7,5 W/m²K.

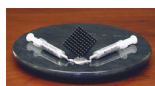
Ideal to connect two objects inseparably. If you want to disconnect two objects later again just intermix the glue with a little heat conductive paste. You have about 3 min. time to change the direction of the objects before it is hardening. Don't burden glued objects for about half a hour.

Part Number: LT-0775

Delivery comes including an plastic spattle for mixing the two components. Use a even surface like an old slip of glass for mashing.

Technical Data:

- Filling: 2x 3.5g
- Heat Conductive Value: 7,5W/mK
- Operating temperature: -40°C till +150°C



Plastic holder for 10mm PCBs



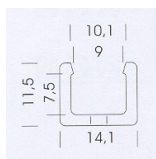
Part Number: LT-0924

Housing Color: white

This very useful little clip for 10mm FR4 and aluminium PCB is easy to mount and a very stable helper. We recommend to use one clip for each 10cm PCB.

The detailed dimensions can be read in the picture gallery. The clip has a mounting hole in the bottom plate which allows easy handling like screwing or glueing.

Please make sure that you ever provide a good cooling management when working with aluminium PCBs and high power LED applications. The pure aluminium PCBs often do not provide as much colling effect as it is request by the number of LEDs. Please do not hesitate to ask our support regarding this matter.



Heat Conductive Foil DIN A4



Part Number: LT-1321

High quality electrical insulating 3M foil!

The possibly easiest way of mounting high power LEDs and complete PCBs. The heat dissipation of this foil is much more effective than heat conductive paste could ever be because it is plain and not subject to the human eye regarding a homogeneous surface.

It is very useful for pilot productions, too: Just paste and go! This foil is also available in already precutted (lasered) 6-sided form especially for star LEDs.

Tip: For high power LED applications, even those in duration use, please always take a high quality heat conductive glue!

Imprint



LED-TECH.DE optoelectronics Showroom

Director: Stefan Lenz

Am Schürmannshütt 38B

D-47441 Moers

Phone: (+49) 2841 / 97 91 7-0

Fax: (+49) 2841 / 97 91 7-29

Further we want to point at pictures, graphics and descriptions as well as the pagelayout itself which are all subject to copyright. Every offence will be prosecuted.

All mentioned prices are to be understood as gross prices including the value added tax (TAV). All offers are subject to prior sales and without commitment. Delivery times are to be understood from date of receipt of order. Mistakes and changes in prices are always reserved.



