

## LPKF ProtoLaser R for Structuring LTCC Carbon Tape

### New Tech Paper Available for Download

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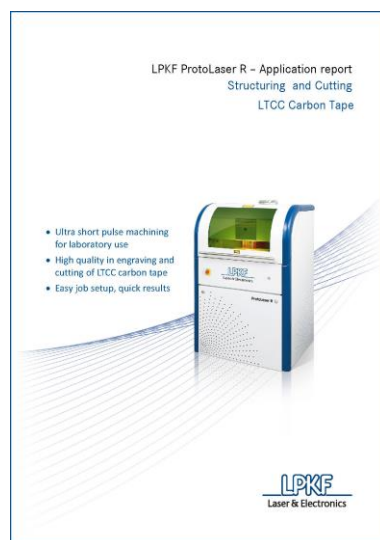
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Garbsen, Germany; March 2017. The LPKF ProtoLaser R is the first compact laboratory laser with an ultrashort-pulse laser source. Its unique strengths are most obvious in the cold processing of thin layers. In a recently presented tech paper, it demonstrated its precision on a special material. With a laser spot size of just 15 µm, it was able to structure and cut 0.2-mm-thick carbon tape for LTCC manufacturing.

The tech paper presents the test layout as well as the results in the form of microscope images with dimensions indicated. Scientific Prototyping Strategic Product Manager Lars Führmann is convinced: "On this material, too, the LPKF ProtoLaser R demonstrates that USP processing is a key factor in achieving new, sophisticated product layouts."

The tech paper, which is entitled *Structuring and Cutting LTCC Carbon Tape*, is immediately available for free download from the Knowledge Center on the LPKF website.



**Free download from the LPKF Knowledge Center: The TechPaper  
 LTCC Carbon Tape**

**About LPKF**

LPKF Laser & Electronics AG manufactures machines and laser systems used in electronics fabrication, medical technology, the automotive sector, and the production of solar cells. Around 20 percent of the workforce is engaged in research and development.