

Press Release LPKF Laser & Electronics AG electronica 2004

A new generation of StencilLasers – the LPKF MicroCut

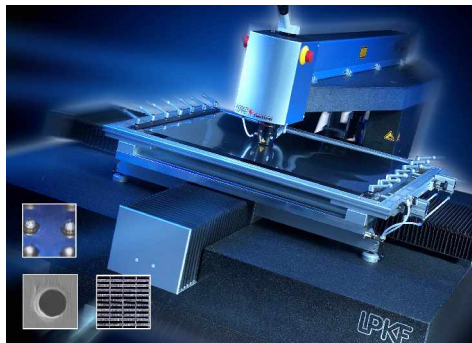
Garbsen, November 2004 – The LPKF MicroCut can cut any shape at speeds up to 50,000 apertures per hour. With this capability, the MicroCut delivers double the cutting speed of current state-of-the-art stencil cutting lasers.

A specially-developed system greatly reduces mechanical movement by moving the laser beam more dynamically and precisely than current x/y tables.

With its focus diameter of 20 μm , it can cut sharp contours with a radius down to 10 μm . The roundness accuracy for even the smallest circles is 96%.

The system also incorporates new cutting technology that avoids burrs at the cutting edges, so no post-treatment is necessary.

LPKF's exclusive PulseShape technology eliminates heat effects, even while machining high-density or thin stencils. As a result, no external coolant is required.



Strokes: 858

Picture: LPKF MicroCut

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