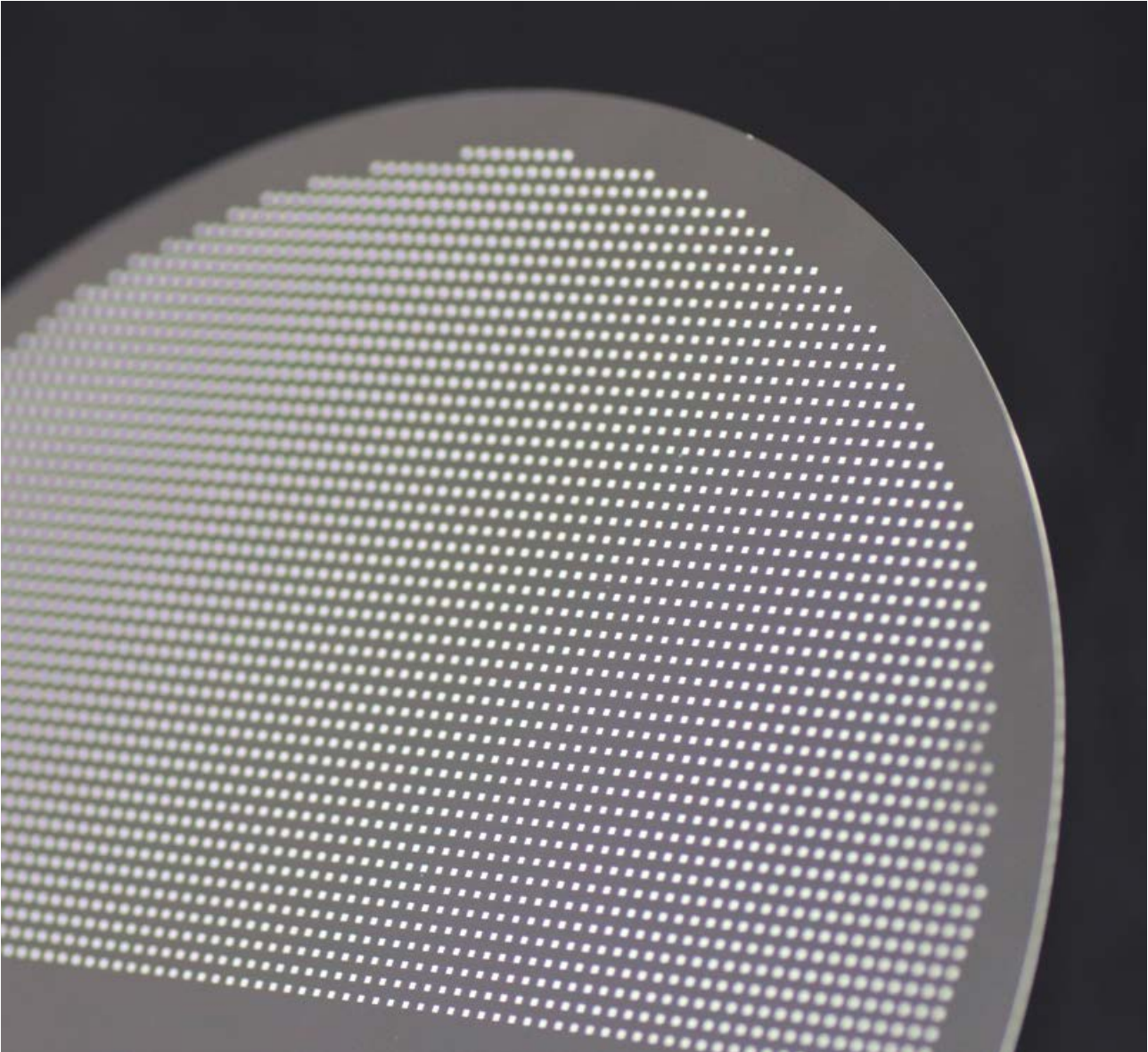


Glass Capping Wafer
Higher Densities in Wafer Level Packaging
by Glass Cavities with Steep Side Walls

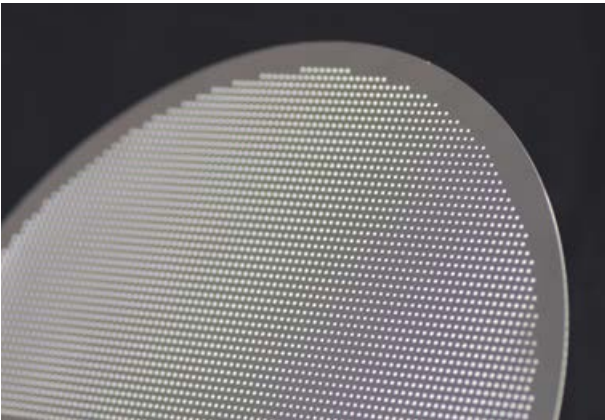


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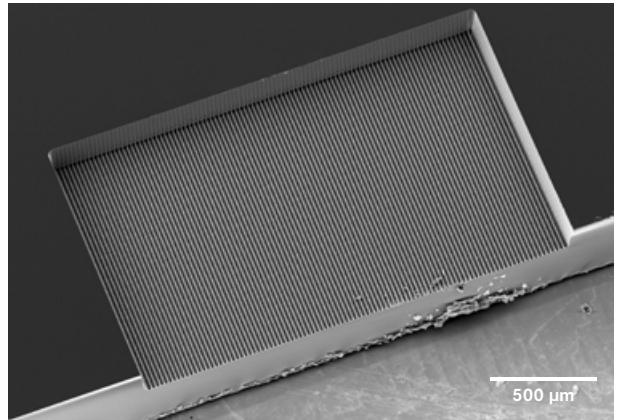
vitrion

Capping Wafer

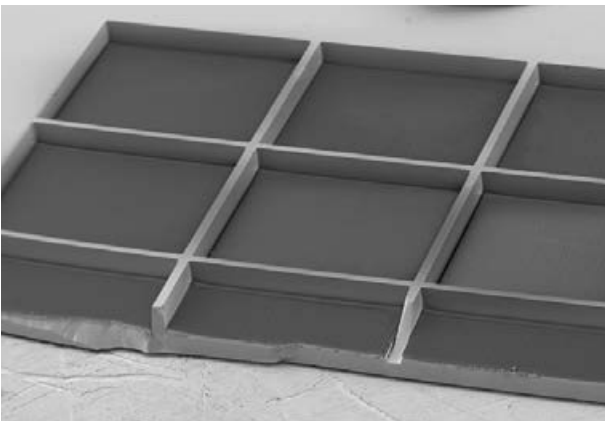
- Glass thickness: < 1 mm
- Cavity depth: > 0.3 mm
- Positional accuracy: $\pm 5 \mu\text{m}$
- Side wall angle: 1° to 7°
(depending on glass type)
- Roughness of bottom surface: Ra 0,5 μm
- Possible aspect ratio > 1:1
- Substrate size: All standard wafer sizes up to 450 mm and panels up to 510 mm x 510 mm



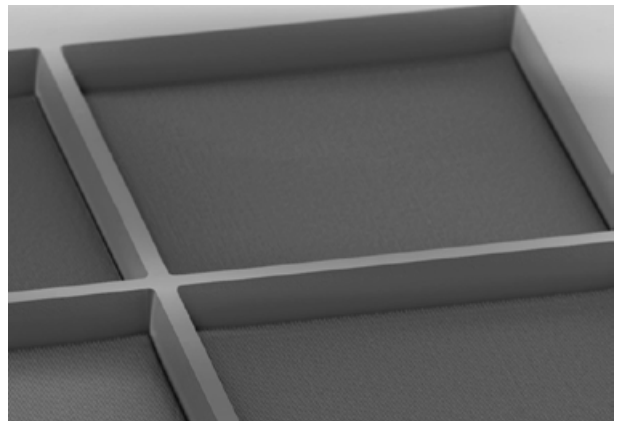
Glass capping wafer



Closed cavity



Array of cavities



Detailed view on glass cavity



Vitron is a registered trademark of LPKF Group



Made in Germany

Headquarters (Germany): LPKF Laser & Electronics AG Phone +49 (5131) 7095-0 www.lpkf.com

North/Central America: Phone +1 (503) 454-4200 sales@lpkfusa.com; **China:** Phone +86 (22) 2378-5318 sales.china@lpkf.com;

Japan: Phone +81 (0) 47 432 5100 info.japan@lpkf.com; **South Korea:** Phone +82 (31) 689 3660 info.korea@lpkf.com

