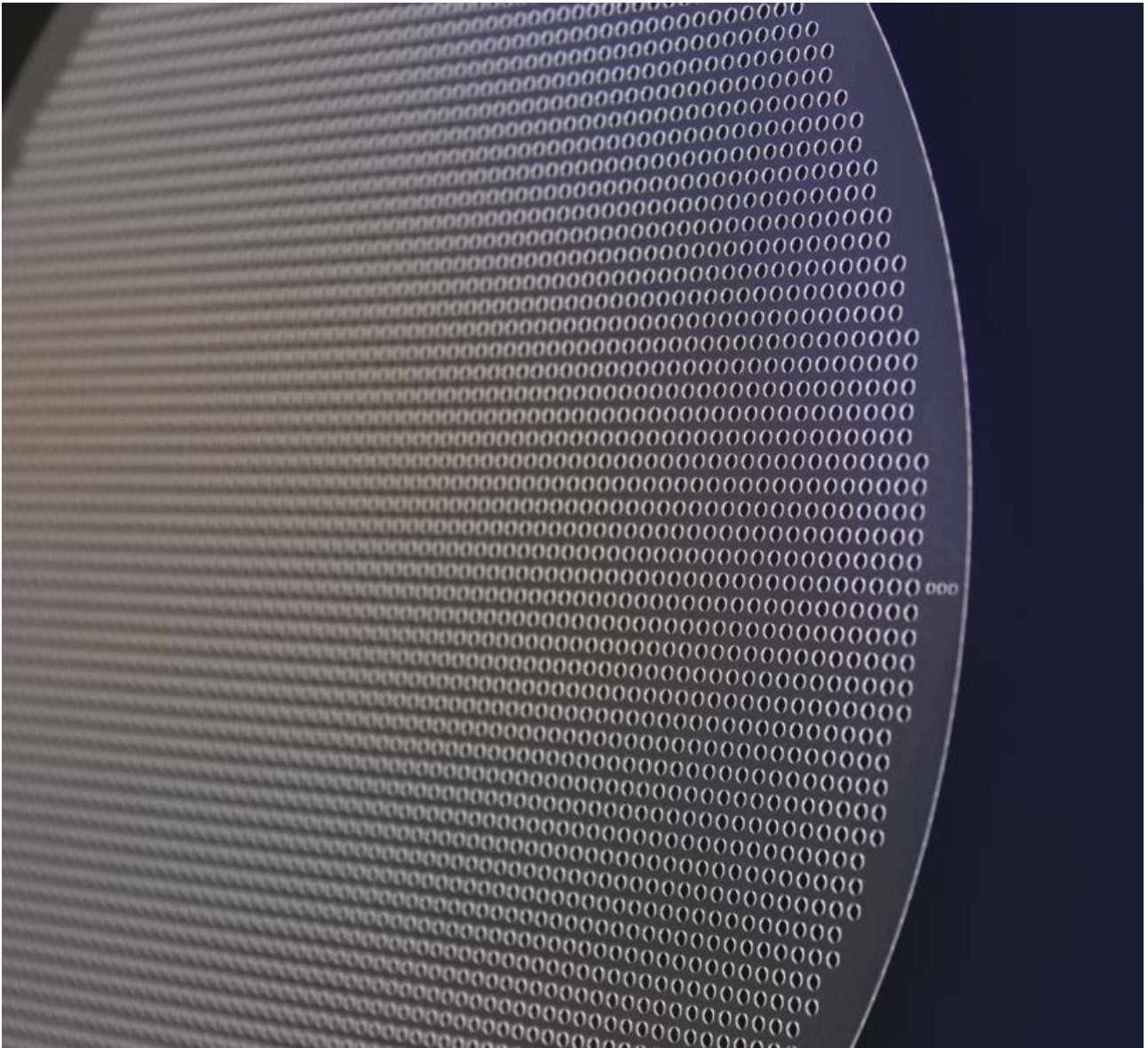


Glass Spacer Wafer  
A New Level of Quality and Precision  
for Wafer Level Packaging

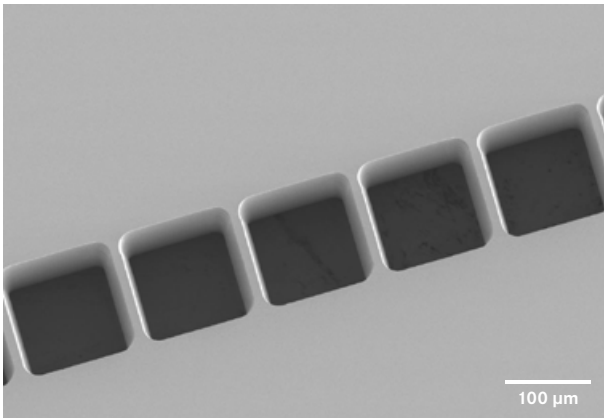


[www.vitrion.com](http://www.vitrion.com)

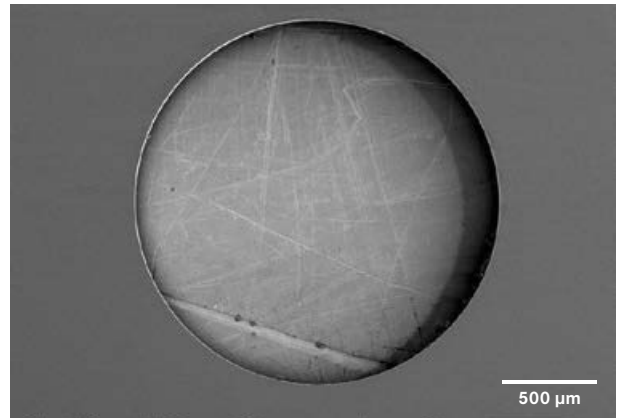
**vitrion**

# Glass Spacer Wafer

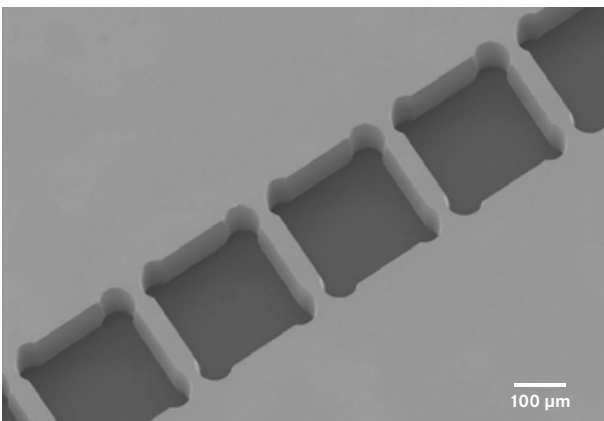
- Glass thickness: <math>< 0.9\text{ mm}</math>
- Minimum aperture:  $10\text{ }\mu\text{m}$  (round)
- Positional accuracy:  $\pm 5\text{ }\mu\text{m}$
- Taper angle:  $1^\circ$  to  $7^\circ$   
(depending on glass type)
- Chipping: None
- Microcracks: None
- Substrate size and format: All standard wafer sizes up to 450 mm and glass panels up to 510 mm x 510 mm



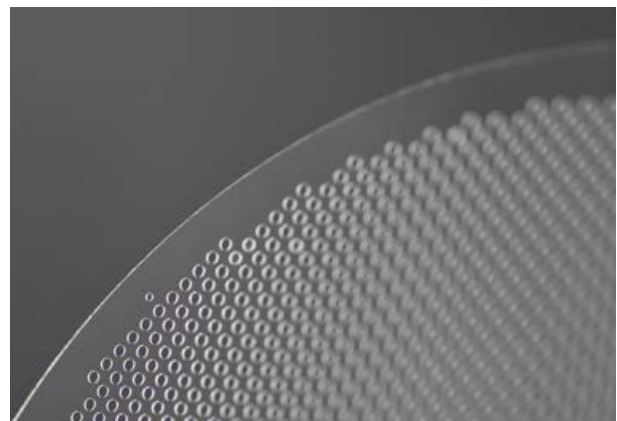
Rectangular-shaped apertures



Round aperture in spacer wafer



Odd-shaped apertures



Glass spacer wafer



Vitron is a registered trademark of LPKF Group



Made in Germany

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