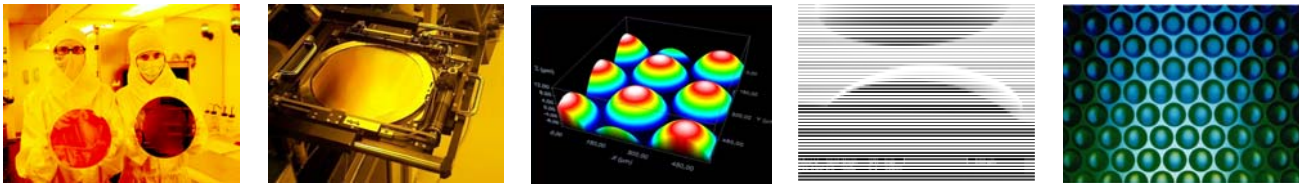


SMO TECHINFO SHEET 06 - PRODUCTS AND SERVICES



SUSS MicroOptics: More than 20 years of experience in micro-optics

Leading company for high-quality micro-optics.

Profound experience in optical design, microfabrication and metrology.

High quality microlens arrays in 200mm wafer technology (Fused Silica and Silicon).

Top rankings for product quality and customer satisfaction from major companies worldwide.

Applications

Beam-shaping and homogenizing, array generators

Shack-Hartmann Sensors, Biosensors and MOEMS

Imaging and illumination systems

Laser collimation and focusing

Fiber coupling, telecom

Medical, life science

Microlens Array Features

| | |
|----------------------|---|
| Bulk material | Fused Silica, Silicon, Pyrex |
| Wavelength range | DUV - IR |
| Maximum array size | Ø180 mm, 120 mm x 120 mm |
| Lens size | 10 µm – 2 mm |
| Lens profiles | Plano-convex, bi-convex, spheres, aspheres |
| Additional features: | Double sided lens arrays with precise front-to-back alignment, stop arrays, pupils, pin-holes, alignment marks, self-aligning structures, Wafer-Level Packaging, AR-coating and dicing. |

