The Art of
uMANUFACTURING

5 REASONS WHY GLASS DRIVES **EXCEPTIONAL RESULT?**

FEMTOPRINT®

1 STABLE AT HIGH TEMPERATURES

Glass maintains exceptional shape and alignment under high thermal stress (up to ~400°C), offering superior compatibility with silicon in semiconductor and microfluidic applications.

FEMTOPRINT®

2

HIGH CHEMICAL RESISTANCE

Highly resistant to corrosion and chemically inert, glass is easy to clean, biologically safe, and ideal for long-lasting, biocompatible devices.

FEMTOPRINT®

The Art of
uMANUFACTURING

3

SUPERIOR TRANSMISSION

Glass ensures excellent optical clarity across visible to near-infrared ranges and offers lower dielectric loss for enhanced high-frequency signal performance.

FEMTOPRINT®

4 MECHANICAL STABILITY

With strong compressive strength and dimensional stability, glass resists wear and deformation, ensuring reliability in fine-pitch electronic packaging.

FEMTOPRINT®

5

SCALABILITY & MANUFACTURABILITY

Glass supports high-density chip integration via laser etching, enabling advanced miniaturization for AI, AIMD, and HPC technologies.

FEMTOPRINT®

The Art of
uMANUFACTURING

DISCOVER MORE

femtoprint.ch

FEMTOPRINT®