

Custom Laser Focus Lens Drawing Guide

Felix Glass

Brand Intro & Document ID

Felix Glass specializes in custom precision optical components for machine vision, laser systems, medical optics, spectroscopy and industrial imaging. OEM & ODM manufacturing services are available worldwide. Document No.: FG-LASER-001 | Rev.1.0 | Issue Date:2026

Mandatory Drawing Parameters

1. Lens substrate material
2. Diameter, center thickness, edge thickness
3. Target laser working wavelength
4. Focal length & tolerance
5. Coating type and laser damage threshold requirement
6. Edge treatment: blackened edge / chamfer

Acceptable Drawing File Formats

- PDF
- DWG
- DXF
- STEP
- IGES

Standard Lens Outline Templates

Fiber laser focus lens, CO2 meniscus lens, UV plano-convex collimating lens

Production Reminder

All laser lenses adopt wavelength exclusive anti-reflection coating to maximize transmittance and reduce thermal deformation under continuous high-power laser irradiation.

The information contained in this document is provided for reference only. Final specifications are subject to mutually approved engineering drawings, production capability review, and customer project requirements.

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