

IR Optical Component Drawing Template Guide

Applicable for: ZnSe Window / ZnS Dome / Germanium IR Window

1. REQUIRED DRAWING INFORMATION

- Material type: ZnSe / ZnS / Ge
- Outer dimension / diameter
- Thickness tolerance
- Clear aperture requirement
- Edge treatment: plain / chamfer / bevel
- Coating: single AR / double AR / DLC+AR / none
- Working wavelength
- Application environment

2. STANDARD SHAPE TEMPLATES

- Circular IR window
- Square / rectangular IR window
- Stepped laser window
- Hemispherical IR dome
- Hyper-hemispherical IR dome

3. ENGINEERING REMINDER

Dome parts require strict concentricity & wall thickness uniformity.
Laser windows require precise flatness to avoid beam distortion.

4. Custom Tolerance Available

All sizes and optical specs can be fully customized per OEM requirements.