

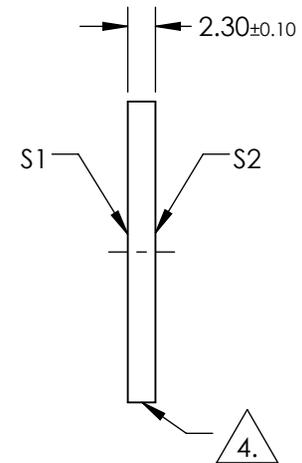
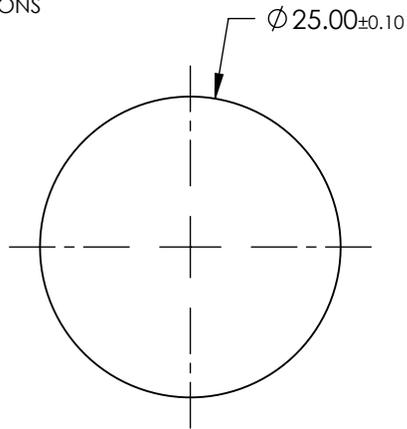
NOTES:

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

1. SUBSTRATE
SAPPHIRE (Al₂O₃)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN 3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
 - S1: ¼ WAVE MgF₂ @ 550nm
R(AVG) < 1.75% FROM 400-700nm (N-BK7)
 - S2: ¼ WAVE MgF₂ @ 550nm
R(AVG) < 1.75% FROM 400-700nm (N-BK7)

 FINE GRIND SURFACE

4. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS
APPLY ACROSS CLEAR APERTURE
5. ROHS COMPLIANT



	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	Ø22.5	Ø22.5
SURFACE FLATNESS	2λ	2λ
SURFACE ROUGHNESS	0.1 MICRONS PER INCH	0.1 MICRONS PER INCH
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE (n _o -n _e)	0.008	0.008
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**



ALL DIMS IN

mm

TITLE

25mm DIAMETER, MgF₂ COATED SAPPHIRE WINDOW

DWG NO

36460

SHEET
1 OF 1