

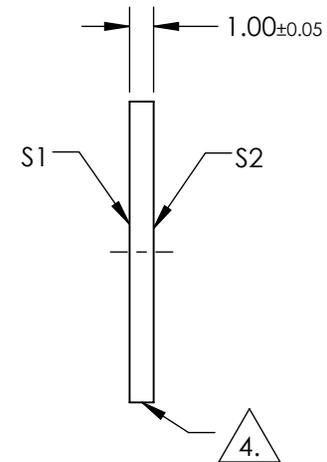
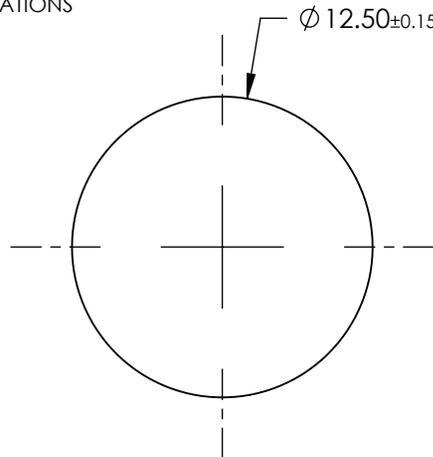
NOTES:

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

1. SUBSTRATE  
SAPPHIRE (AI2O3)
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

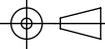
4. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS  
APPLY ACROSS CLEAR APERTURE
5. ROHS COMPLIANT



	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	$\varnothing 11.25$	$\varnothing 11.25$
SURFACE FLATNESS	$2\lambda$	$2\lambda$
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®**

THIRD ANGLE PROJECTION 	TITLE	12.5mm DIAMETER, MgF2 COATED SAPPHIRE WINDOW	
	ALL DIMS IN	mm	DWG NO 36202
			SHEET 1 OF 1