

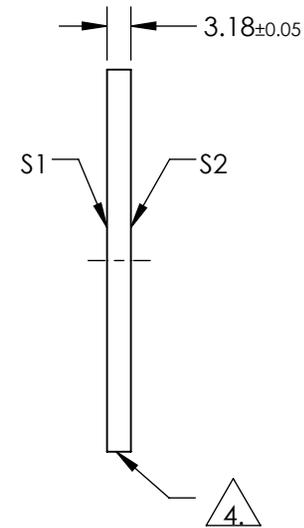
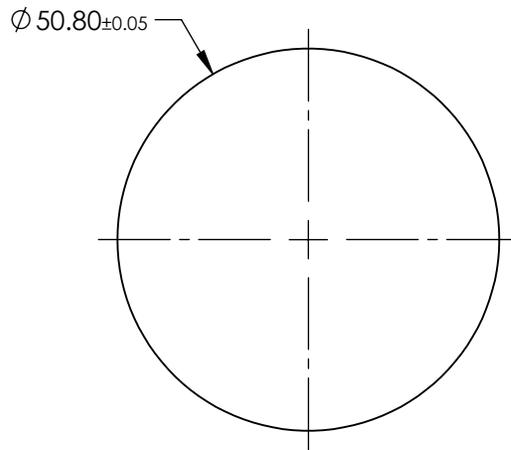
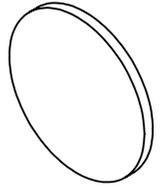
NOTES:

1. SUBSTRATE: OPTICAL GRADE SAPPHIRE (Al<sub>2</sub>O<sub>3</sub>)
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3.5 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE):

S1 & S2: R(ABS) ≤ 1.25% from 750 - 800nm  
 R(ABS) ≤ 1.0% from 800 - 1550nm  
 R(AVG) ≤ 0.7% from 750 - 1550nm

4. GRIND SURFACE

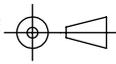
5. RoHS: COMPLIANT



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
 DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	80-50	80-50
SURFACE FLATNESS @ 632.8nm	2λ	2λ
SURFACE ROUGHNESS (μm/in)	0.1	0.1
BIREFRINGENCE	0.008	0.008
CLEAR APERTURE	Ø45.72	Ø45.72
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

**EO**® Edmund Optics®

TITLE	Window Saph 50.8 Dia NIR II Ctd		
DWG NO	39270	SHEET	1 OF 1