

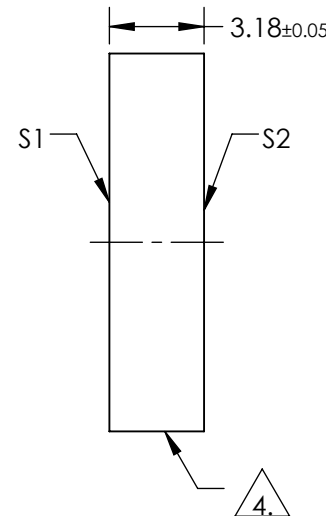
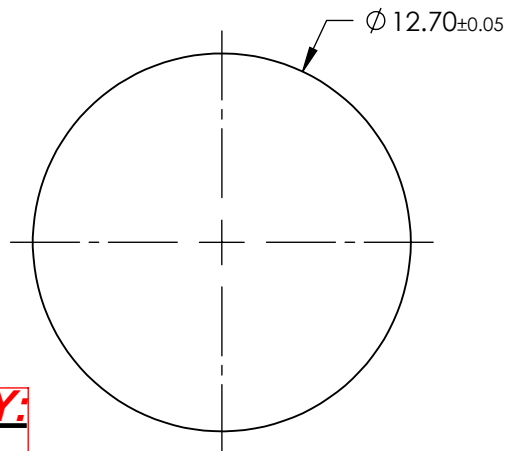
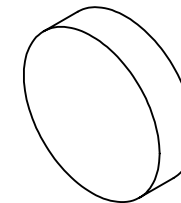
NOTES:

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) ≤ 0.25% @ 880nm  
 R(AVG) ≤ 1.25% from 400 - 870nm  
 R(AVG) ≤ 1.25% from 890 - 1000nm

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	Ø11.43	Ø11.43
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

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TITLE

Window Saph 12.7 Dia VIS-NIR Ctd

ALL DIMS IN

mm

DWG NO

39247

SHEET  
1 OF 1