

NOTES:

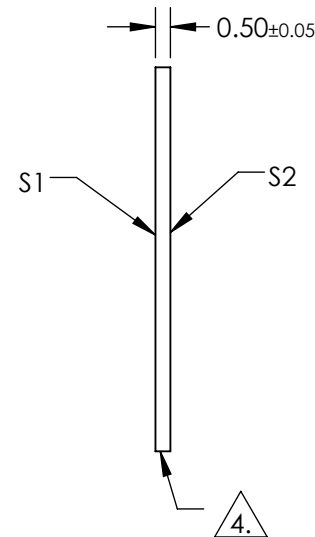
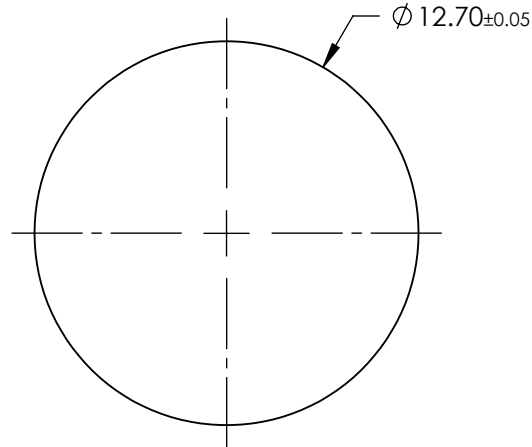
1. SUBSTRATE:  
SAPPHIRE (AL<sub>2</sub>O<sub>3</sub>)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤ 3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: R(AVG) ≤ 0.25% @ 880nm  
 R(AVG) ≤ 1.25% @ 400 - 870nm  
 R(AVG) ≤ 1.25% @ 890 - 1000nm

4. FINE 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
CLEAR APERTURE	Ø11.43	Ø11.43
SURFACE FLATNESS	2λ	2λ
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE (n <sub>o</sub> -n <sub>e</sub> )	0.008	0.008
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®

TITLE

12.7mm Dia., 0.5mm Thick, VIS-NIR AR Coated  
Sapphire Window

DWG NO

20766

SHEET  
1 OF 1