

NOTES:

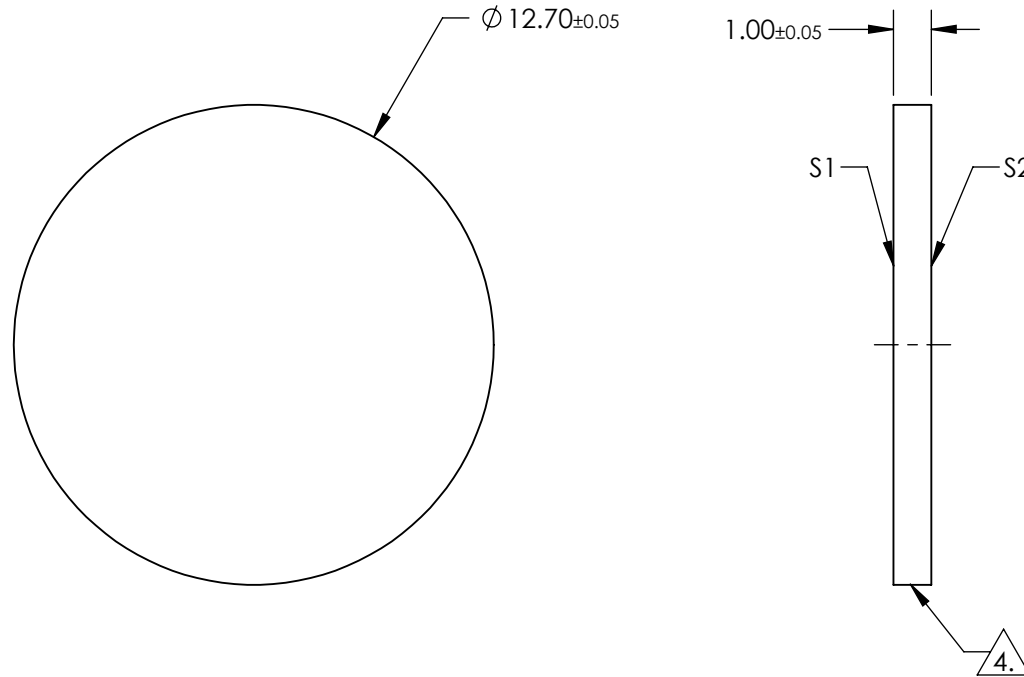
1. SUBSTRATE:
Sapphire (Al₂O₃)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: NONE

4. FINE GRIND SURFACE

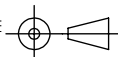
5. ROHS COMPLIANT

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



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	$\phi 11.43$	$\phi 11.43$
SURFACE FLATNESS	2λ (typical)	2λ (typical)
SURFACE ROUGHNESS	$\leq 0.1\mu\text{m PER INCH}$	$\leq 0.1\mu\text{m PER INCH}$
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE (no-ne)	0.008	0.008
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

EO® **Edmund Optics**®

TITLE: 12.7mm Dia., 1mm Thick, Uncoated, Sapphire Window

DWG NO: 17223

SHEET 1 OF 1