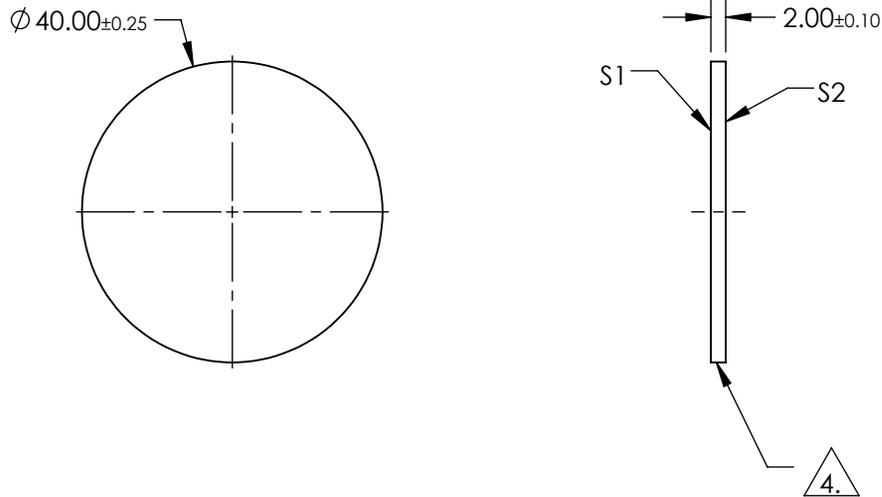


NOTES:

1. SUBSTRATE: Sapphire (Al<sub>2</sub>O<sub>3</sub>)
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN  $\leq 3.5$  ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE):  
 S1 & S2: R(ABS)  $\leq 1.5\%$  @ 750 - 800nm  
 R(ABS)  $\leq 1.0\%$  @ 800 - 1550nm  
 R(AVG)  $\leq 0.7\%$  @ 750 - 1550nm

4. GRIND SURFACE

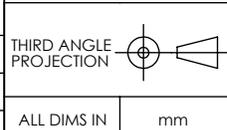
5. RoHS: COMPLIANT



**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	Ø36.00	Ø36.00
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



**EO**® Edmund Optics®

TITLE	40mm Diameter, NIR II AR Coated Sapphire Window	
DWG NO	39269	SHEET 1 OF 1