

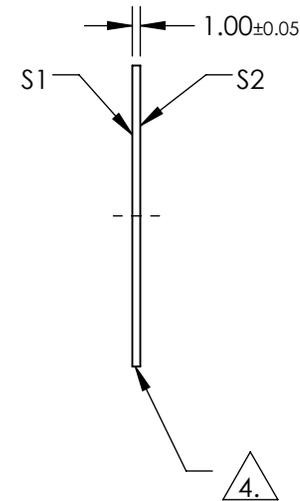
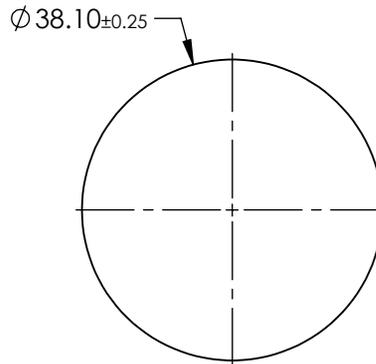
NOTES:

1. SUBSTRATE: Sapphire (Al₂O₃)
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN ≤ 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	Ø34.29	Ø34.29
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE

38.1mm Diameter, NIR II AR Coated Sapphire Window

DWG NO

39268

SHEET
1 OF 1