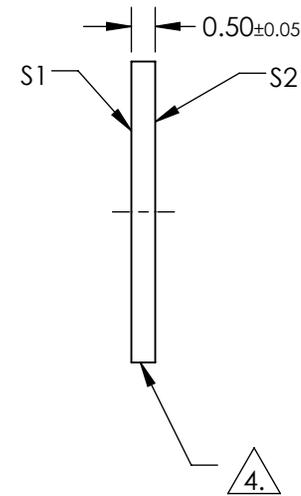
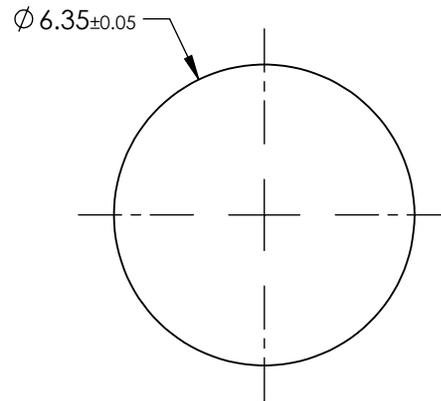


NOTES:

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

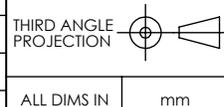
5. RoHS: COMPLIANT



**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	Ø5.35	Ø5.35
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



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TITLE	6.35mm Diameter, NIR II AR Coated Sapphire Window	
DWG NO	39262	SHEET 1 OF 1