

NOTES:

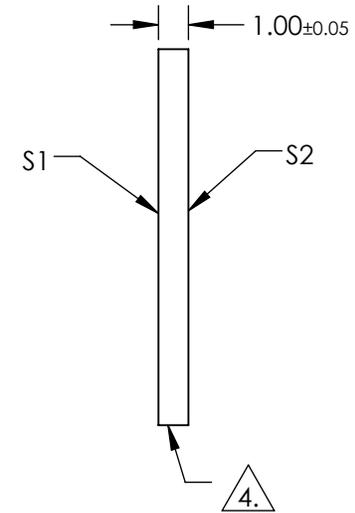
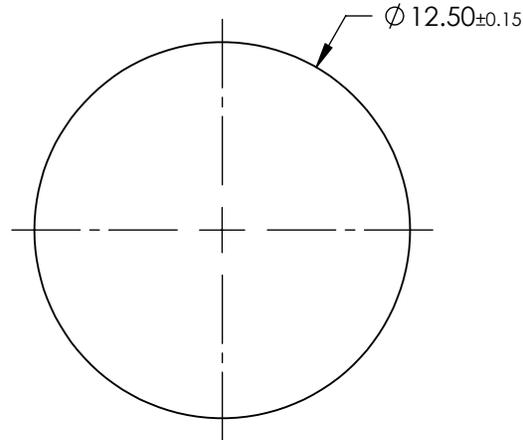
1. SUBSTRATE:
SAPPHIRE (AL₂O₃)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤ 3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: R(AVG) <1.5% @ 2000-5000nm
 R(ABS) <3.0% @ 2000-5000nm
 R(AVG) <1.75% @ 2000-4000nm

4. FINE GRIND SURFACE

5. ROHS COMPLIANT

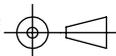
**FOR INFORMATION ONLY:
 DO NOT MANUFACTURE
 PARTS TO THIS DRAWING**



	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	$\varnothing 11.25$	$\varnothing 11.25$
SURFACE FLATNESS	2λ	2λ
SURFACE ROUGHNESS	0.1 MICRONS PER INCH	0.1 MICRONS PER INCH
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE ($n_o - n_e$)	0.008	0.008
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 DIMENSIONS ARE FOR REFERENCE ONLY

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THIRD ANGLE PROJECTION 

ALL DIMS IN mm

TITLE	12.5mm DIAMETER, BBAR (2000-5000nm) AR COATED SAPPHIRE WINDOW	
DWG NO	16003	SHEET 1 OF 1