

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)

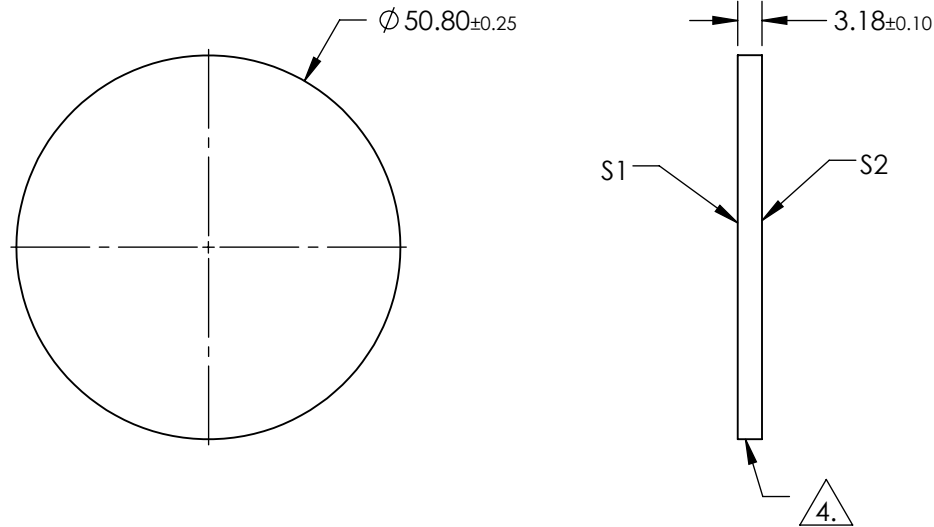
S1 & S2: R(AVG) <1% @ 1650 - 3000nm
R(ABS) <2% @ 1650 - 3000nm



4. FINE GRIND SURFACE

5. ROHS COMPLIANT

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



	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	Ø45.72	Ø45.72
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



THIRD ANGLE PROJECTION		TITLE	50.8mm DIAMETER, BBAR (1650-3000nm) AR COATED SAPPHIRE WINDOW	
ALL DIMS IN	mm	DWG NO	15999	SHEET 1 OF 1