

NOTES:

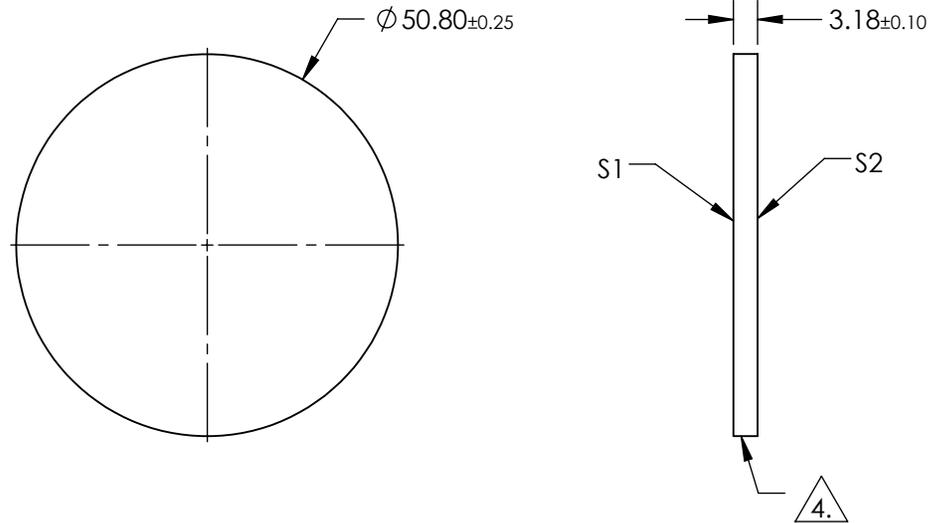
1. SUBSTRATE:
SAPPHIRE (AL₂O₃)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤ 3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

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

 FINE GRIND SURFACE

5. ROHS COMPLIANT

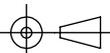
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



	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

 **Edmund Optics®**

THIRD ANGLE PROJECTION 

ALL DIMS IN

mm

TITLE

50.8mm DIAMETER, BBAR (2000-5000nm) AR
 COATED SAPPHIRE WINDOW

DWG NO

16013

SHEET
 1 OF 1