

NOTES:

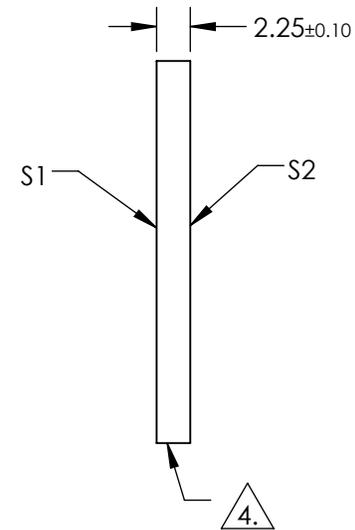
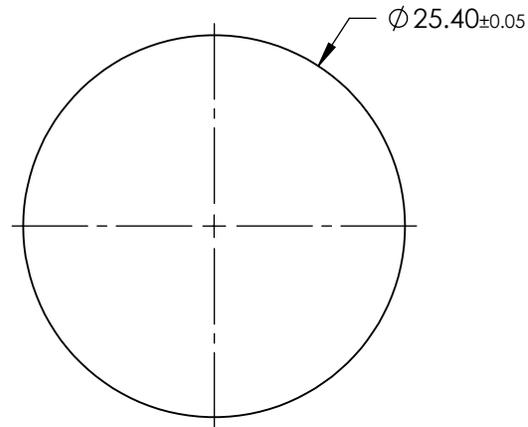
1. SUBSTRATE:  
SAPPHIRE (AL<sub>2</sub>O<sub>3</sub>)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤ 3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

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	Ø22.86	Ø22.86
SURFACE FLATNESS	2λ	2λ
SURFACE ROUGHNESS	0.1 MICRONS PER INCH	0.1 MICRONS PER INCH
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE (n <sub>o</sub> -n <sub>e</sub> )	0.008	0.008
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
 DIMENSIONS ARE FOR REFERENCE ONLY

**EO**® **Edmund Optics**®



ALL DIMS IN

mm

TITLE

25.4mm DIAMETER, BBAR (2000-5000nm) AR  
 COATED SAPPHIRE WINDOW

DWG NO

16009

SHEET  
 1 OF 1