

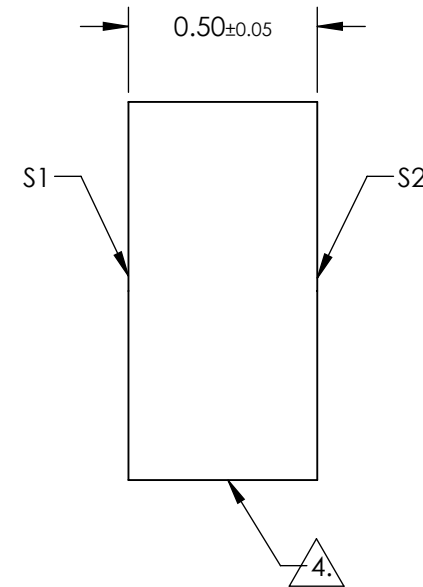
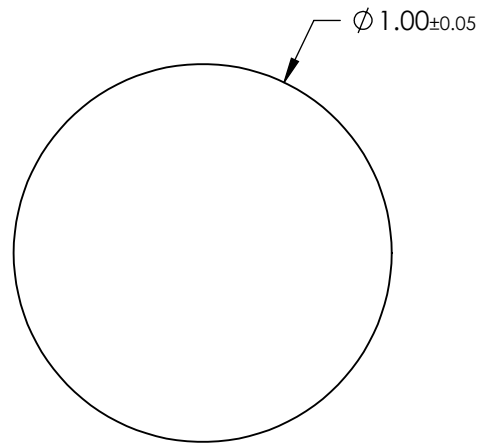
1. SUBSTRATE:
SAPPHIRE (AL₂O₃)
2. SURFACE S2 TO BE PARALLEL WITH SURFACE S1 TO WITHIN ≤3.5 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)

S1 & S2: NONE

△ 4. FINE GRIND SURFACE

5. ROHS COMPLIANT

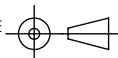
FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	$\phi 0.9$	$\phi 0.9$
SURFACE FLATNESS	2λ (typical)	2λ (typical)
SURFACE ROUGHNESS	$\leq 0.1\mu\text{m}$ PER INCH	$\leq 0.1\mu\text{m}$ PER INCH
SURFACE QUALITY	80-50	80-50
BIREFRINGENCE ($n_o - n_e$)	0.008	0.008
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

 **Edmund Optics®**

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

TITLE	1mm Dia., 0.5mm Thick, Uncoated, Sapphire Window		
DWG NO	17216	SHEET	1 OF 1