

NOTES:

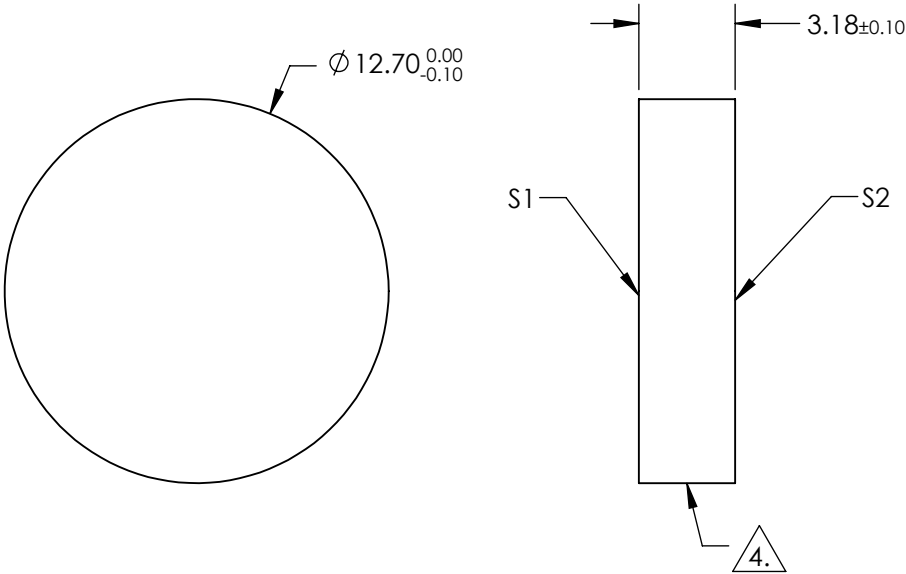
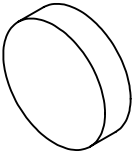
1. SUBSTRATE:
FUSED SILICA
2. SUFRACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(abs): >95% @ 266nm
T(abs): >98% @ 532nm
T(abs): >98% @ 1064nm
- S2: R(abs): <1.0% @ 532nm
R(abs) <1.0% @ 1064nm

DAMAGE THRESHOLD,PULSED:
S1: 1 J/cm² @ 266nm, 20ns, 20Hz
2.5 J/cm² @ 355nm, 20ns, 20Hz

S2: 7.5 J/cm² @ 355nm, 20ns, 20Hz



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			 Edmund Optics®		
SHAPE	PLANO	PLANO					
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH	TITLE				
CLEAR APERTURE	Ø 11.43	N/A				12.7mm Dia., 355nm T, 266nm R 45° Thin Harmonic Separator	
SURFACE FLATNESS	λ/10	N/A	ALL DIMS IN				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED				mm	
			DWG NO				
			29040			SHEET 59 OF 86	