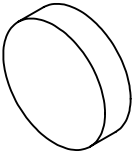
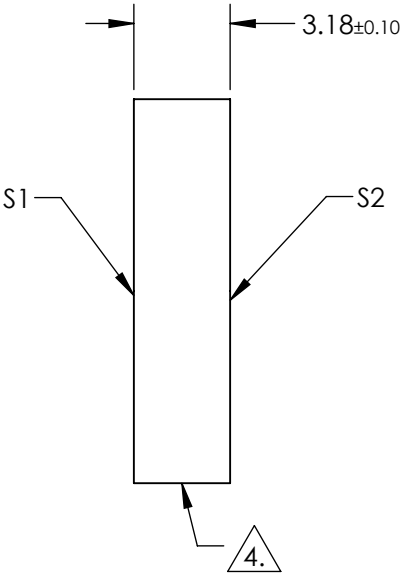
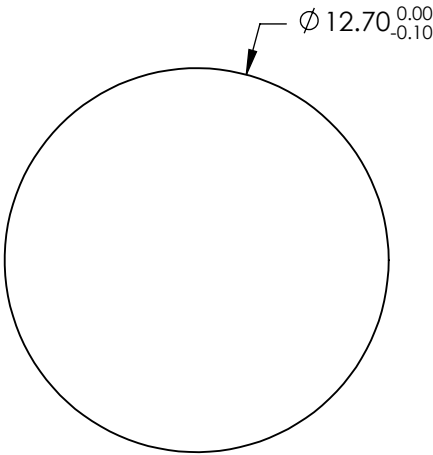


NOTES:

- 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): >99% @ 355nm  
T(abs): >95% @ 532nm  
  
S2: R(abs): <0.5% @ 532nm  
  
DAMAGE THRESHOLD,PULSED:  
S1: 2.5 J/cm² @ 355nm, 20ns, 20Hz  
5 J/cm² @ 532nm, 20ns, 20Hz  
  
S2: 10 J/cm² @ 532nm, 20ns, 20Hz


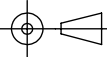


- 4. FINE GRIND SURFACE
- 5. ROHS COMPLIANT



**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		TITLE	12.7mm Dia., 532nm T, 355nm R 45° Thin Harmonic Separator	
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH		DWG NO	29042	SHEET 61 OF 86
CLEAR APERTURE	Ø 11.43	N/A				
SURFACE FLATNESS	λ/10	N/A				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED				
			ALL DIMS IN	mm		