

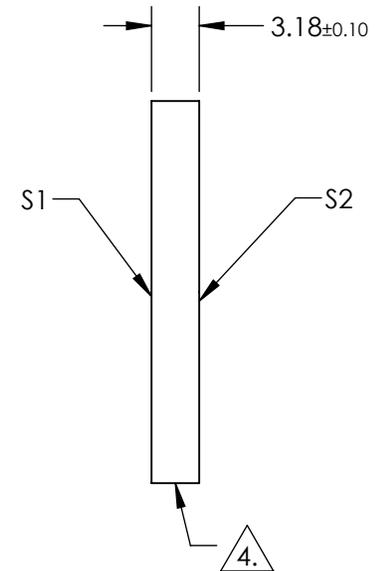
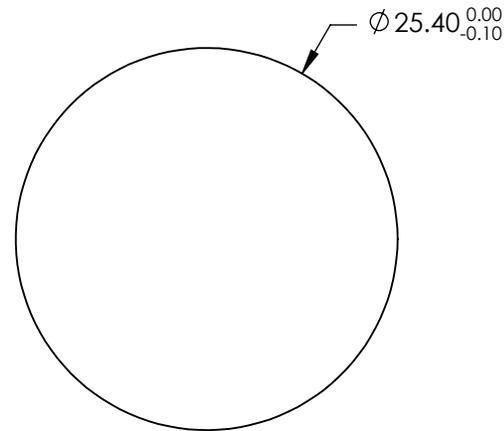
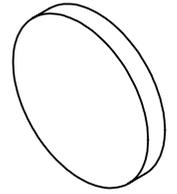
NOTES:

1. SUBSTRATE:  
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)  
 S1: R(abs): >99% @ 532nm  
 R(abs): >99% @ 1064nm  
 T(abs): >70% @ 266nm  
  
 S2: R(abs): <1.0% @ 266nm

DAMAGE THRESHOLD, PULSED:  
 S1: 5 J/cm<sup>2</sup> @ 532nm, 20ns, 20Hz  
 7.5 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz  
 2.5 J/cm<sup>2</sup> @ 355nm, 20ns, 20Hz  
 S2: 7.5 J/cm<sup>2</sup> @ 355nm, 20ns, 20Hz

4. FINE GRIND SURFACE

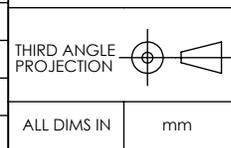
5. ROHS COMPLIANT



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH
CLEAR APERTURE	∅ 22.86	N/A
SURFACE FLATNESS	λ/10	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



TITLE	25.4mm Dia., 355nm T, 532 & 1064nm R 45° Thin Harmonic Separator
DWG NO	29053
SHEET 72 OF 86	