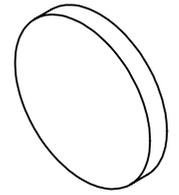


NOTES:

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% @ 355nm  
T(abs): >95% @ 532nm



S2: R(abs): <0.5% @ 532nm

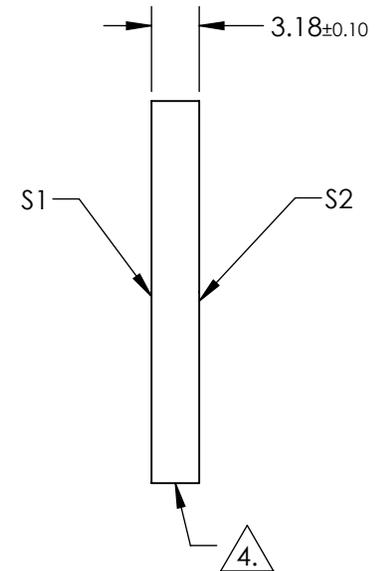
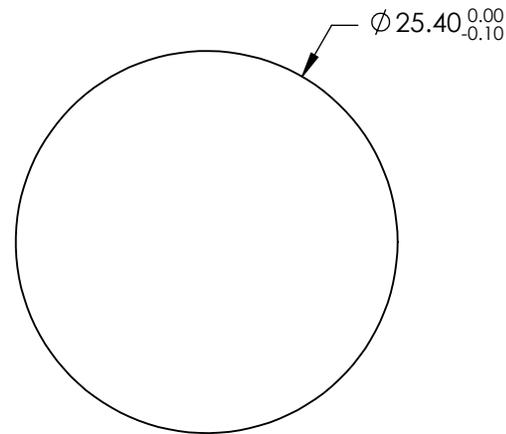
DAMAGE THRESHOLD, PULSED:

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

S2: 15 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz  
10 J/cm<sup>2</sup> @ 532nm, 20ns, 20Hz

4. FINE GRIND SURFACE

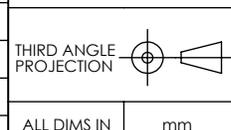
5. ROHS COMPLIANT



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
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



**EO**® Edmund Optics®

TITLE: 25.4mm Dia., 532 & 1064nm T, 355nm R 45°  
Thin Harmonic Separator

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