

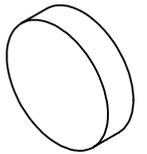
NOTES:

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
T(abs): >95% @ 355nm

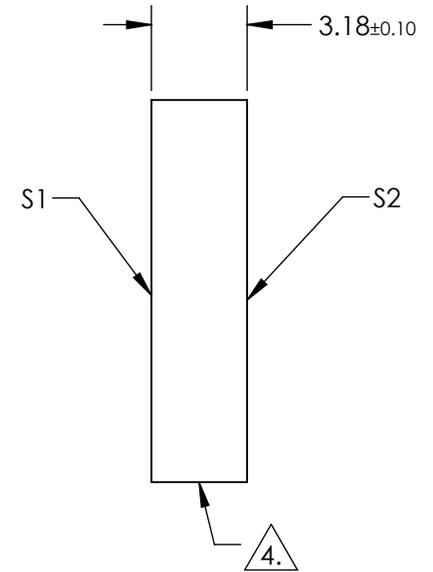
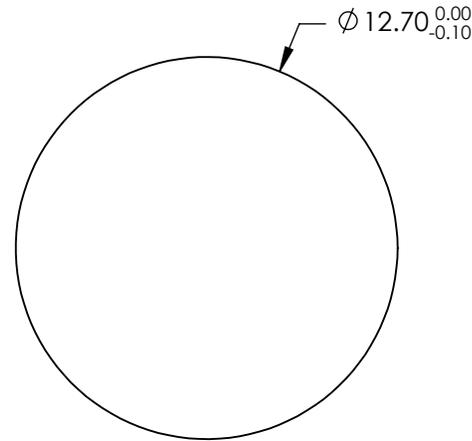
S2: R(abs): <0.5% @ 355nm

DAMAGE THRESHOLD, PULSED:
S1: 7.5 J/cm² @ 532nm, 20ns, 20Hz
7.5 J/cm² @ 1064nm, 20ns, 20Hz

S2: 15 J/cm² @ 1064nm, 20ns, 20Hz



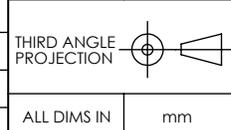
4. FINE GRIND SURFACE
5. ROHS COMPLIANT



**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	Ø 11.43	N/A
SURFACE FLATNESS	λ/10	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



TITLE	12.7mm Dia., 1064nm T, 532nm R 45° Thin Harmonic Separator
DWG NO	29048
SHEET 67 OF 86	