

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): >95% @ 266nm
 T(abs): >98% @ 532nm
 T(abs): >98% @ 1064nm

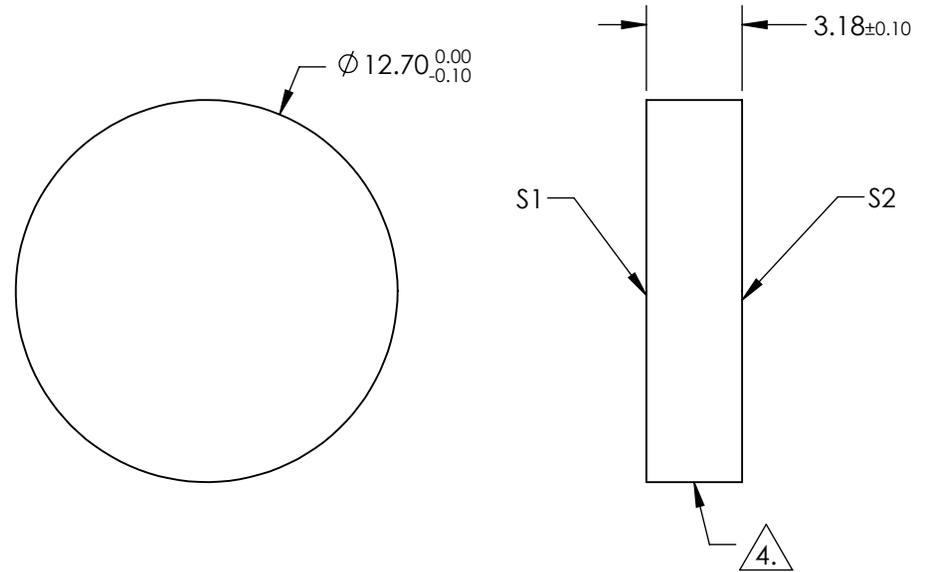
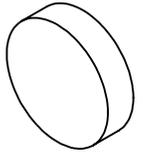
 S2: R(abs): <1.0% @ 532nm
 R(abs) <1.0% @ 1064nm

DAMAGE THRESHOLD, PULSED:
 S1: 1 J/cm² @ 266nm, 20ns, 20Hz
 5 J/cm² @ 532nm, 20ns, 20Hz
 7.5 J/cm² @ 1064nm, 20ns, 20Hz

S2: 10 J/cm² @ 20ns, 20Hz @ 532nm
 15 J/cm² @ 20ns, 20Hz @ 1064nm

4. FINE GRIND SURFACE

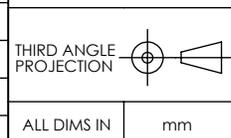
5. ROHS COMPLIANT



**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	$\phi 11.43$	N/A
SURFACE FLATNESS	$\lambda/10$	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



Edmund Optics®	
TITLE	12.7mm Dia., 532 & 1064nm T, 266nm R 45° Thin Harmonic Separator
DWG NO	29038
SHEET 57 OF 86	