

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

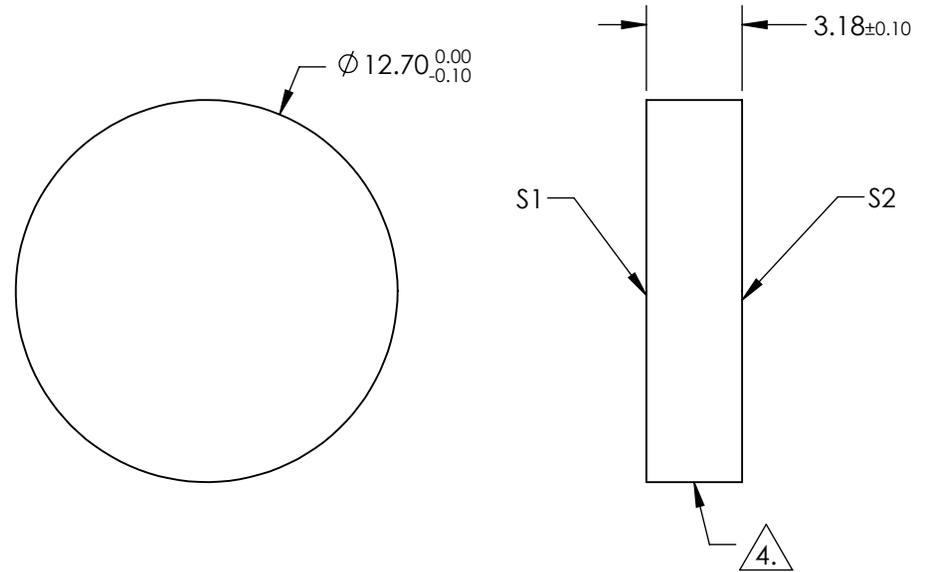
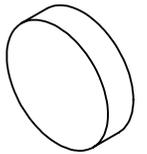
 S2: R(abs): <1.0% @ 532nm
 R(abs) <1.0% @ 1064nm

DAMAGE THRESHOLD, PULSED:
 S1: 1 J/cm² @ 266nm, 20ns, 20Hz
 2.5 J/cm² @ 355nm, 20ns, 20Hz

S2: 7.5 J/cm² @ 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	$\phi 11.43$	N/A
SURFACE FLATNESS	$\lambda/10$	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN

mm

 **Edmund Optics®**

TITLE

12.7mm Dia., 355nm T, 266nm R 45° Thin
 Harmonic Separator

DWG NO

29040

SHEET
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