

NOTES:

1. SUBSTRATE:
FUSED SILICA

2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCmin

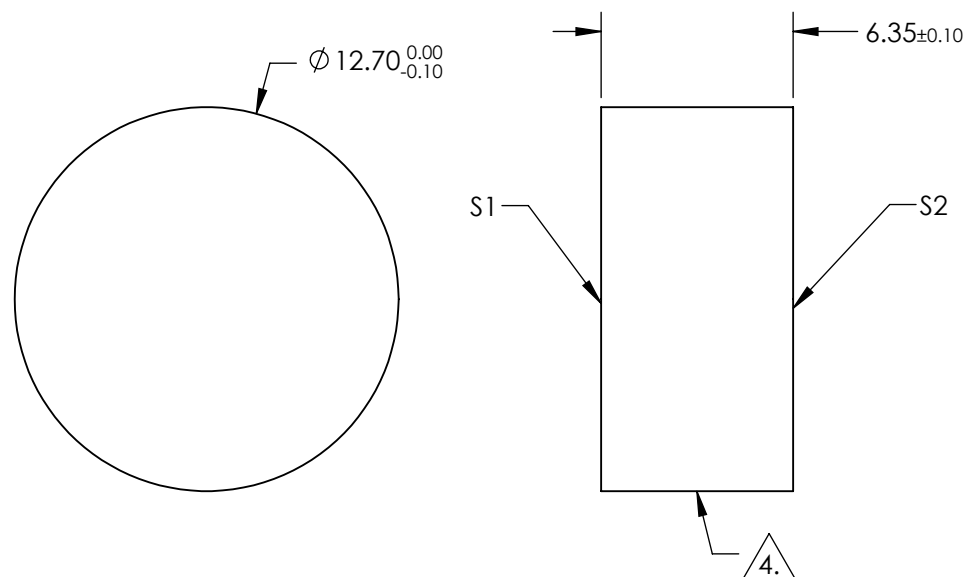
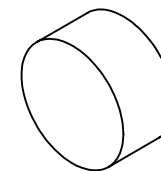
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(abs) S & P > 99.80% @ 400nm @ 45° AOI
R(avg) > 99.5% @ 390 - 410nm @ 45° AOI

S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY
ACROSS CLEAR APERTURE

6. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACES



**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
SURFACE FLATNESS	$\lambda/10$	N/A
CLEAR APERTURE	Ø 11.43	N/A
COATING APERTURE	Ø 11.43	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN mm

EO® **Edmund Optics**®

TITLE

12.7mm Dia., 6.35mm Thick, Fused Silica
400nm Ti:Sapphire Mirror, 45 Deg AOI

DWG NO

28983

SHEET
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