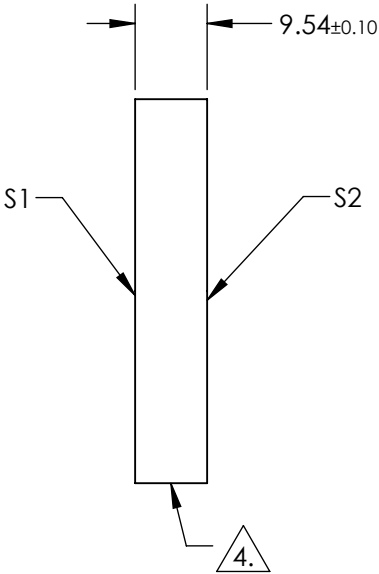
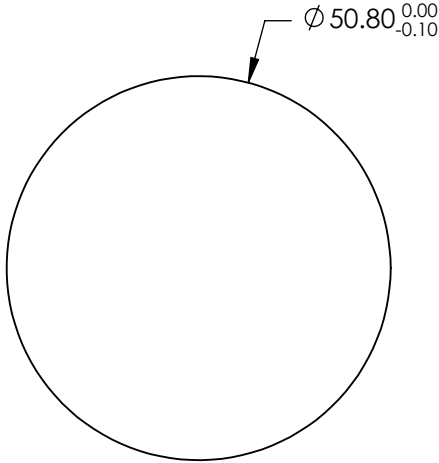
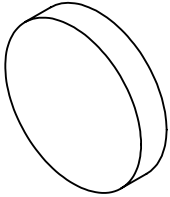


NOTES:

- 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% @ 800nm @ 45° AOI
R(avg) > 99.5% @ 780 - 820nm @ 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	$\varnothing 45.72$	N/A
COATING APERTURE	$\varnothing 45.72$	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

THIRD ANGLE
PROJECTION

ALL DIMS IN mm

 **Edmund Optics®**

TITLE	50.8mm Dia., 9.54mm Thick, Fused Silica 800nm Ti:Sapphire Mirror, 45 Deg AOI	
DWG NO	28988	SHEET 47 OF 86