

NOTES:

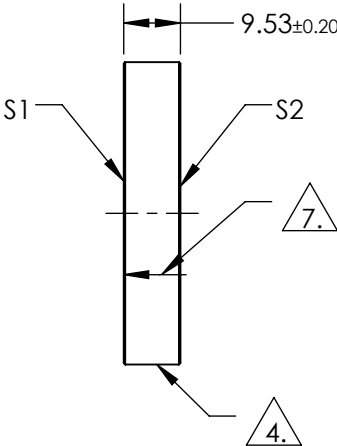
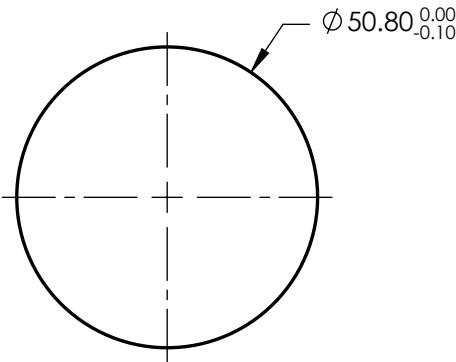
1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE):

S1: 343 HR Coating
R (ABS) > 99.80% @ 343nm @ 0-45° AOI

DAMAGE THRESHOLD,
PULSED: 5 J/cm², 20ns, 20Hz @ 343nm
CW: 1MW/cm² @ 343nm

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
7. APPLY ARROW ON EDGE WITH LASER ETCH, PENCIL, OR PERMANENT INK
POINTING TOWARDS SURFACE S1



**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	0.10 WAVE	N/A
MIN CLEAR APERTURE	Ø40.64	N/A
MIN COATING APERTURE	Ø45.72	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm



Edmund Optics®

TITLE

Ø50.8mm x 9.53mm, 343nm, Yb:YAG MIRROR
0-45° AOI

DWG NO

38857

SHEET
1 OF 1