

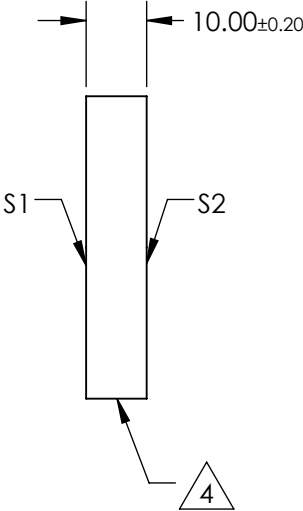
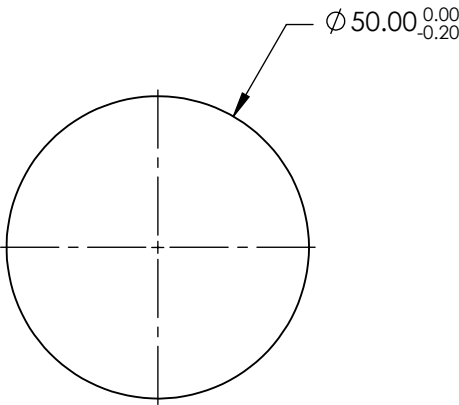
NOTES:

1. SUBSTRATE
- FUSED SILICA
2. SURFACE S2 TO BE PARALLEL WITH S1 WITHIN < 3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
- S1: Laser Mirror (1064nm)
- R(ABS) >99.8% @ 1064nm @ 45° AOI
- R(AVG) >99.5% @ 1046 - 1074nm @ 45° AOI
- DAMAGE THRESHOLD,
- PULSED: 20 J/cm² @ 1064nm, 20ns, 20Hz
- CW: 1MW/cm² @ 1064nm
- S2: NONE

4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, SURFACE QUALITY, AND COATING SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. 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 FLATNESS	$\lambda/10$	N/A
SURFACE QUALITY	10 - 5	FINE GROUND
CLEAR APERTURE	Ø45	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE  
PROJECTION

ALL DIMS IN

mm

 Edmund Optics®

TITLE

Ø50mm, 1064nm, 45°, ND:YAG LASER LINE MIRROR

DWG NO

47156

SHEET  
1 OF 1