

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 (266nm)  
R(ABS) >99.8% @ 266nm  
DAMAGE THRESHOLD,  
PULSED: 2.0 J/cm² @ 266nm, 20ns, 20Hz

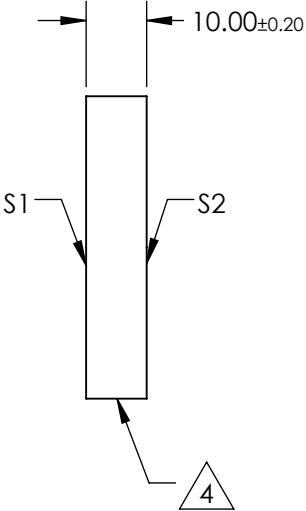
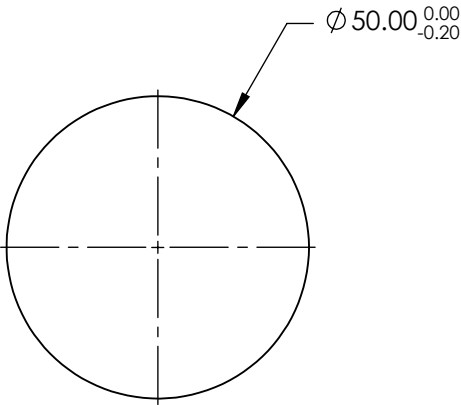
S2: NONE

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



ALL DIMS IN mm

**Edmund Optics®**

TITLE Ø50mm, 266nm, 0 - 45°, ND:YAG LASER LINE MIRROR

DWG NO 88525

SHEET 1 OF 1