

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 (355nm)  
R(ABS) >99.8% @ 355nm  
DAMAGE THRESHOLD,  
PULSED: 5.0 J/cm² @ 355nm, 20ns, 20Hz

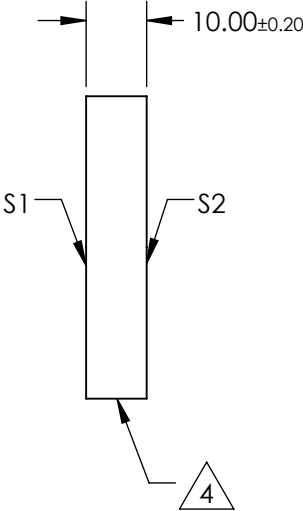
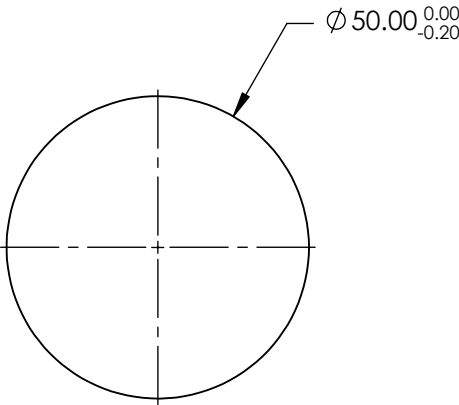
S2: NONE

4. FINE GROUND SURFACE

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


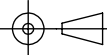
6. RoHS COMPLIANT

**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

 Edmund Optics®			
THIRD ANGLE PROJECTION 		TITLE	Ø50mm, 355nm, 0 - 45°, ND:YAG LASER LINE MIRROR
ALL DIMS IN	mm	DWG NO	88528
			SHEET 1 OF 1