

NOTES:

1. SUBSTRATE

FUSED SILICA

2. SURFACE S2 TO BE PARALLEL WITH S1 WITHIN < 3 ARCMIN

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: DIELECTRIC

R(ABS) >99.5% @ 635, 670 & 1064nm @ 45° AOI

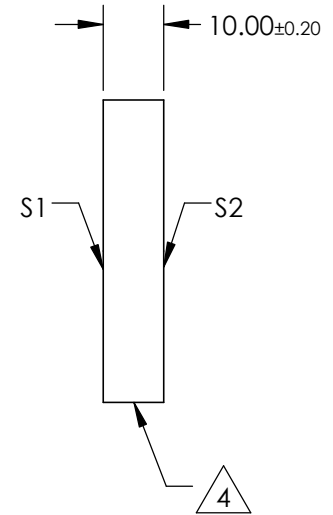
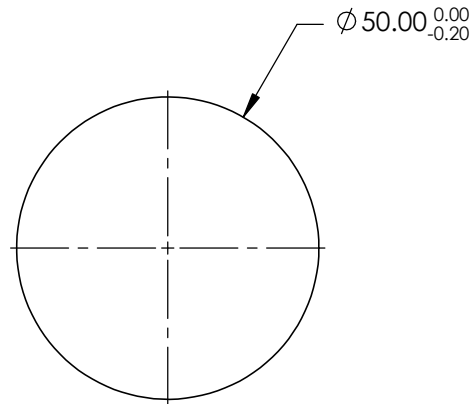
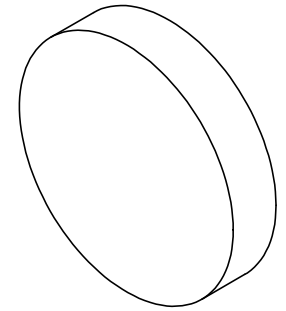
DAMAGE THRESHOLD,  
PULSED: 20 J/cm<sup>2</sup> @ 20ns

S2: NONE

 4. FINE GROUND SURFACE

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

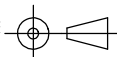
6. RoHS COMPLIANT



**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	$\varnothing 45$	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE	50mm Dia. x 10mm 635-670/1064nm , Dual Band Laser Mirror		
DWG NO	63119	SHEET	1 OF 1