

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% @ 355nm @ 0° AOI

R(avg) >98% @ 340 - 370nm @ 0° AOI

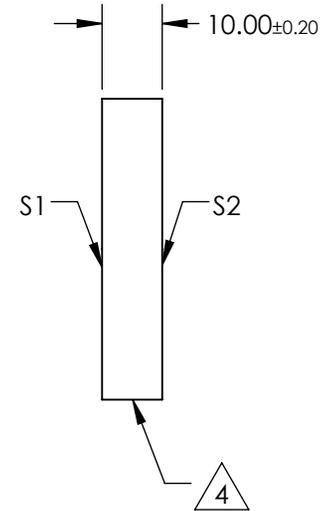
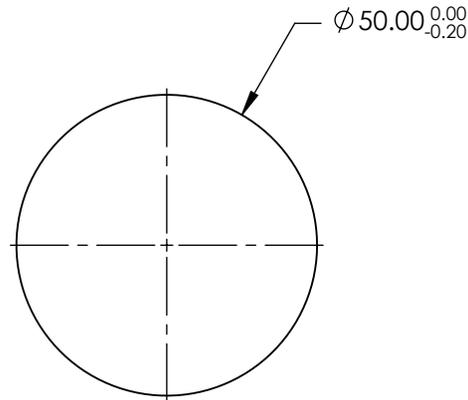
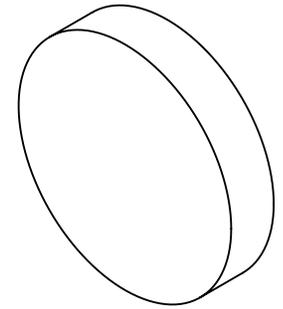
DAMAGE THRESHOLD: 5 J/cm² @ 10ns

S2: NONE

△ 4. FINE GROUND SURFACE

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

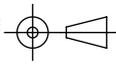
6. RoHS COMPLIANT



**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	$\lambda/10$	
SURFACE QUALITY	10 - 5	FINE GROUND
CLEAR APERTURE	$\varnothing 45$	
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: $\varnothing 50\text{mm}$, 355nm, 0°, ND:YAG LASER LINE MIRROR

DWG NO: 63113

SHEET 1 OF 1