

NOTES:

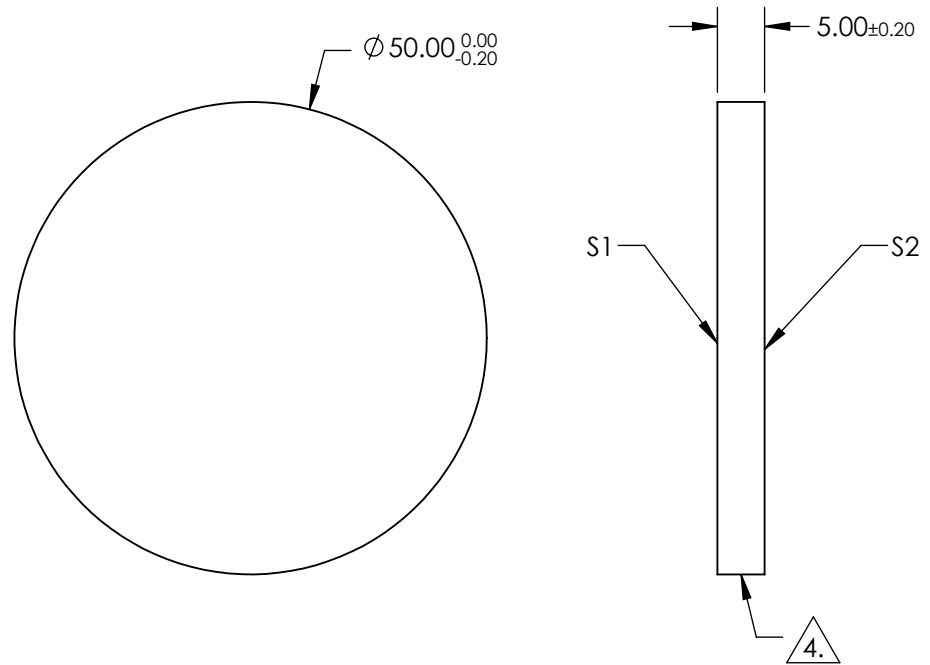
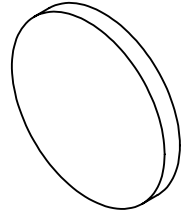
1. SUBSTRATE:
ZERODUR®
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 30 ARCSEC
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(abs) >99.5% @ 635, 670 & 1064nm

DAMAGE THRESHOLD, BY DESIGN:
20 J/cm² @ 1064nm

S2: NONE

4. FINE GRIND SURFACE

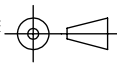
5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACES



**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 QUALITY | 20 - 10 | COMMERCIAL POLISH |
| SURFACE FLATNESS | $\lambda/10$ | N/A |
| CLEAR APERTURE | $\phi 45.00$ | N/A |
| COATING APERTURE | $\phi 45.00$ | N/A |
| BEVEL | PROTECTED AS NEEDED | PROTECTED AS NEEDED |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: 50.0mm Dia x 5mm 635-670/1064nm, Zerodur Dual Band Laser Mirror

DWG NO: 29067

SHEET 86 OF 86