

NOTES:

1. SUBSTRATE:
Fused Silica
2. COATING (APPLY ACROSS COATING APERTURE)

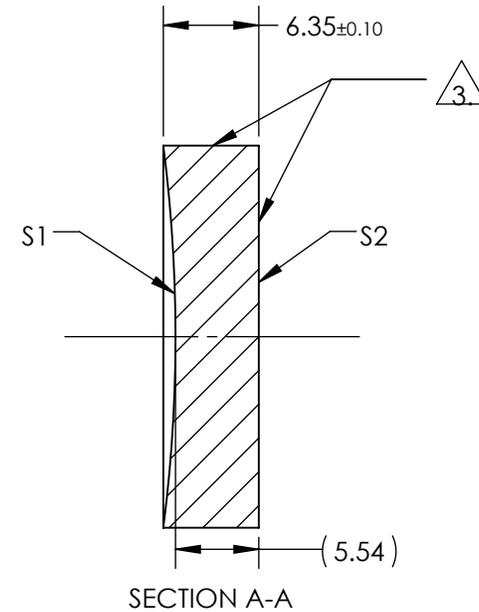
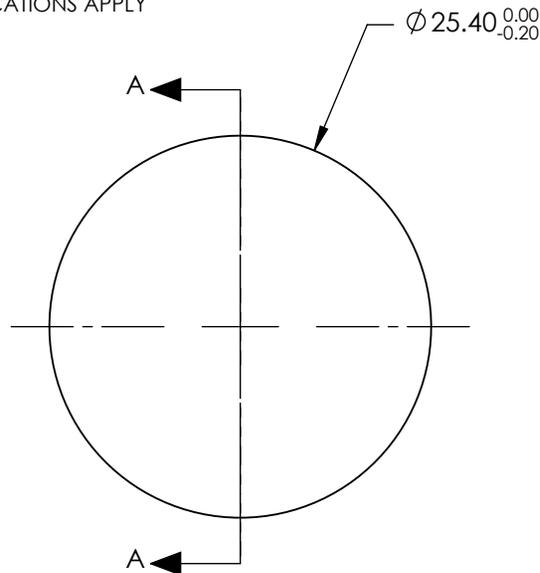
S1: Laser Mirror (1064nm)
R(ABS) >99.80% @ 1064nm @ 0-45° AOI

DAMAGE THRESHOLD,
PULSED: 15 J/cm² @ 1064nm, 20ns, 20Hz

S2: NONE

3. FINE GRIND SURFACE

4. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
5. ROHS: COMPLIANT



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

| | S1 | S2 |
|-------------------------|----------------------|----------------------|
| SHAPE | CONCAVE | PLANO |
| RADIUS | 100.00 | INFINITY |
| SURFACE QUALITY | 20-10 | N/A |
| CLEAR APERTURE | $\phi 22.86$ | N/A |
| COATING APERTURE | $\phi 22.86$ | N/A |
| POWER AT 632.8nm | 2 RINGS | N/A |
| IRREGULARITY AT 632.8nm | 0.10 WAVE | N/A |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EO® Edmund Optics®

| | | | |
|------------------------|--------|---|--------------|
| THIRD ANGLE PROJECTION | TITLE | 25.4mm Dia. x 50mm EFL, 1064nm 0-45°, Concave Laser Line Mirror | |
| ALL DIMS IN | DWG NO | 39967 | SHEET 1 OF 1 |