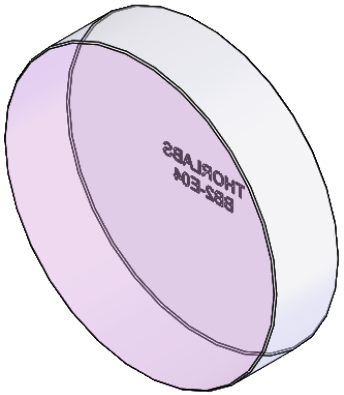
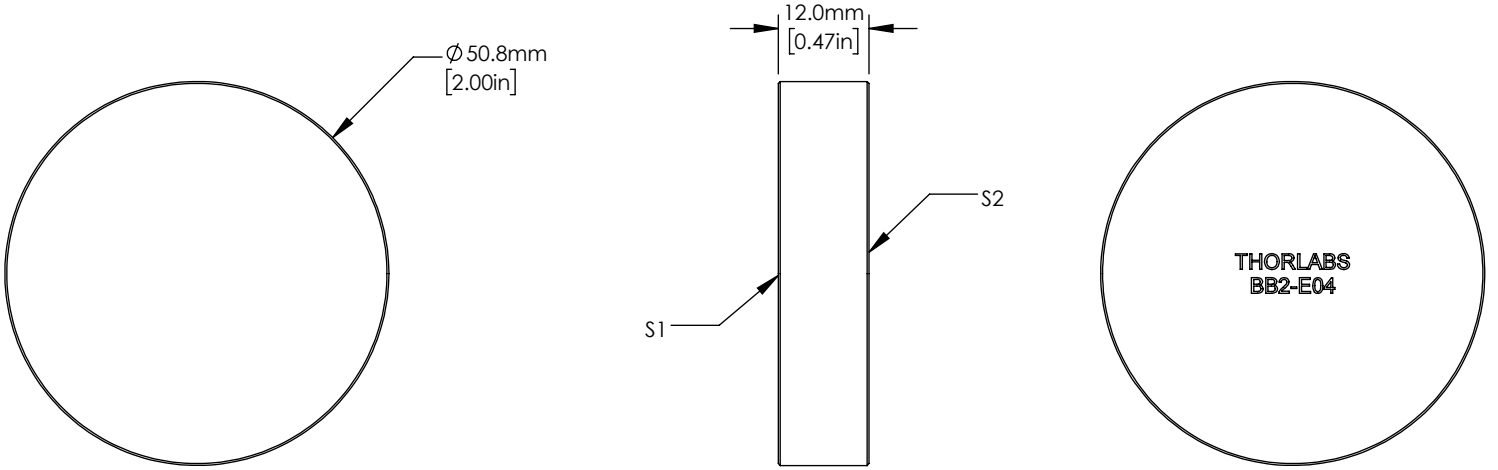



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > Ø43.2 mm
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
3. SURFACE FLATNESS (S1): λ/10 AT 633 nm
   (S2): FINE GRIND
4. PARALLELISM: ≤ 3 arcmin
5. THICKNESS TOLERANCE: ±0.2 mm
6. DIAMETER TOLERANCE: + 0.0/-0.1 mm
7. DESIGN WAVELENGTH RANGE: 1280-1600 nm
8. COATING(S1): BROADBAND HR, DIELECTRIC
   $R_{s\ avg}$: >99% FROM 1280-1600 nm
   $R_{p\ avg}$: >99% FROM 1280-1600 nm
   AOI: 0° TO 45°
9. DAMAGE THRESHOLD: 2.5 J/cm² 10 ns PULSE, 10 Hz AT 1542 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | | |
|---|---|---|
| | NAME | DATE |
| DRAWN | GG | 29/APR/11 |
| APPROVAL | BW | 04/NOV/21 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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Ø50.8 mm BROADBAND MIRROR
1280-1600 nm

| MATERIAL | REV |
|---|---|
| FUSED SILICA | D |

| ITEM # | APPROX WEIGHT |
|---|---|
| BB2-E04 | 54 g |