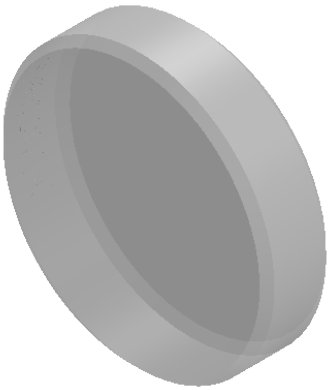
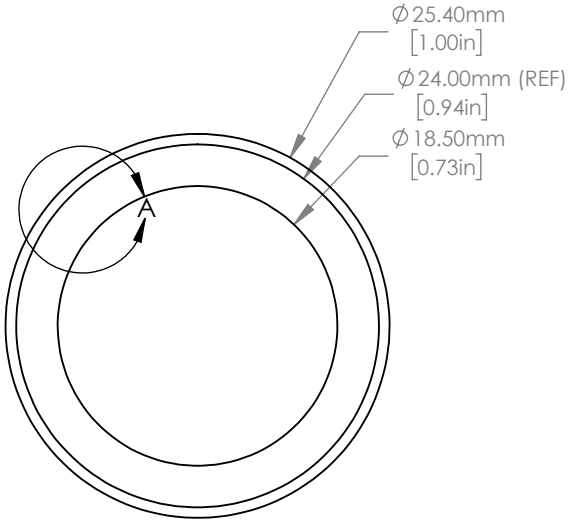
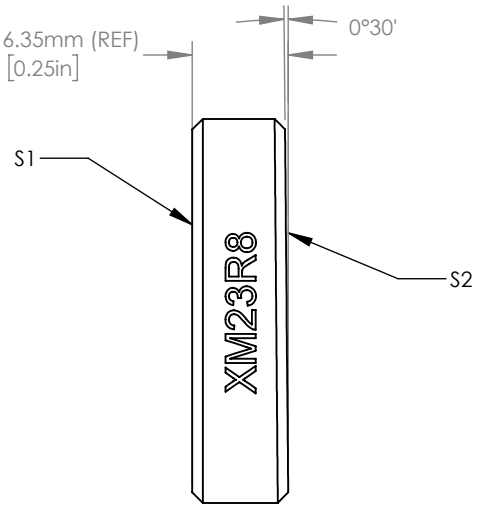


DETAIL A
SCALE 4 : 1




NOTES/SPECIFICATIONS:

1. MATERIAL: CORNING 7979 0A
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG, CENTRAL Ø10mm REGION
3. SURFACE QUALITY (S1): 20-10 SCRATCH-DIG, ANNULAR REGION BETWEEN Ø18.5mm AND BEVEL
4. SURFACE QUALITY (S2): 20-10 SCRATCH-DIG, CENTRAL Ø19.5mm REGION
5. SURFACE ROUGHNESS (S1): <1.5 Å rms, CRYSTALLINE MIRROR COATING
6. SURFACE ROUGHNESS (S2): <1 Å rms, CENTRAL Ø19.5mm REGION
7. SURFACE FLATNESS (S1): <λ/10 P-V AT 633nm, ANNULAR REGION BETWEEN Ø18.5mm AND BEVEL
8. SURFACE FLATNESS (S2): <λ/10 P-V AT 633nm, CENTRAL Ø19.5mm REGION
9. SURFACE IRREGULARITY (S1): <λ/10 P-V AT 633nm, CRYSTALLINE MIRROR COATING
10. COATING (S1): CRYSTALLINE MIRROR HR 1397nm, R >99.999%, T > 3.5ppm, 0° AOI, COVERING CENTRAL Ø8mm
11. COATING (S2): VAR @ 1397nm, R <0.1%, 0° AOI COVERING CENTRAL Ø5mm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | NAME | DATE |
|---|---|---|
| DRAWN | MG | 04/FEB/21 |
| APPROVAL | GDC | 05/FEB/21 |

COPYRIGHT © 2021 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

Ø8mm CRYSTALLINE MIRROR ON Ø1" SUBSTRATE, 1m RADIUS OF CURVATURE

| MATERIAL | REV |
|---|---|
| SEE NOTES | A |

| ITEM # | APPROX WEIGHT |
|---|---|
| XM23R8 | 7 g |