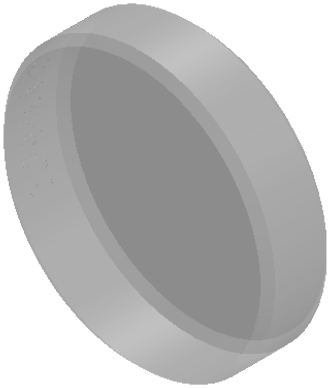
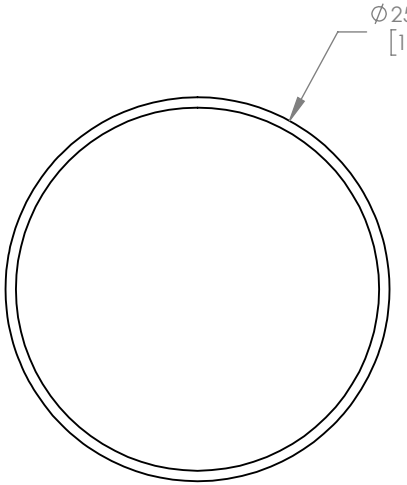
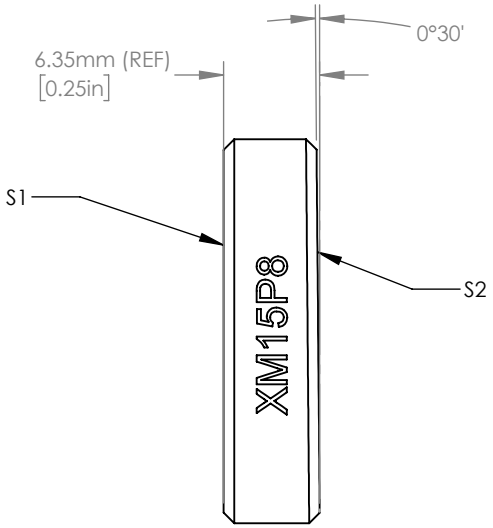





NOTES/SPECIFICATIONS:

1. MATERIAL: CORNING 7980 0A
2. SURFACE FLATNESS (S1): <λ/10 AT 633nm P-V OVER CENTRAL ∅10mm
3. SURFACE FLATNESS (S2): <λ/10 AT 633nm P-V OVER CENTRAL ∅19.5mm
4. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG OVER CENTRAL ∅10mm REGION, 20-10 SCRATCH-DIG CENTRAL ∅10mm REGION TO BEVEL
5. SURFACE QUALITY (S2): 20-10 SCRATCH-DIG OVER CENTRAL ∅19.5mm REGION
6. SURFACE ROUGHNESS (S1): <1.5 Å rms OVER CRYSTALLINE MIRROR COATING
7. SURFACE ROUGHNESS (S2): <1 Å rms OVER CENTRAL ∅19.5mm REGION
8. COATING (S1): CRYSTALLINE MIRROR HR 1064nm, R >99.9984%, T > 3.5ppm, 0° AOI , COVERING CENTRAL ∅8mm
9. COATING (S2): VAR @ 1064nm, R <0.1% 0° AOI, COVERING CENTRAL ∅5mm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

| DRAWING PROJECTION | | |
|---|---|---|
| | NAME | DATE |
| DRAWN | MG | 23/MAR/23 |
| APPROVAL | GDC | 31/MAR/23 |

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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∅8mm CRYSTALLINE MIRROR ON ∅1" UVFS SUBSTRATE

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

| ITEM # | APPROX WEIGHT |
|---|---|
| XM15P8 | 7 g |