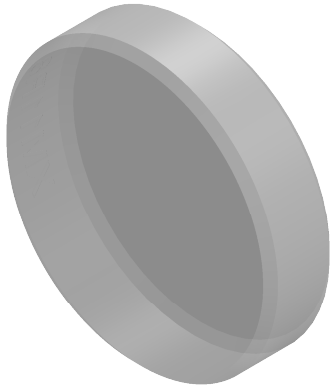
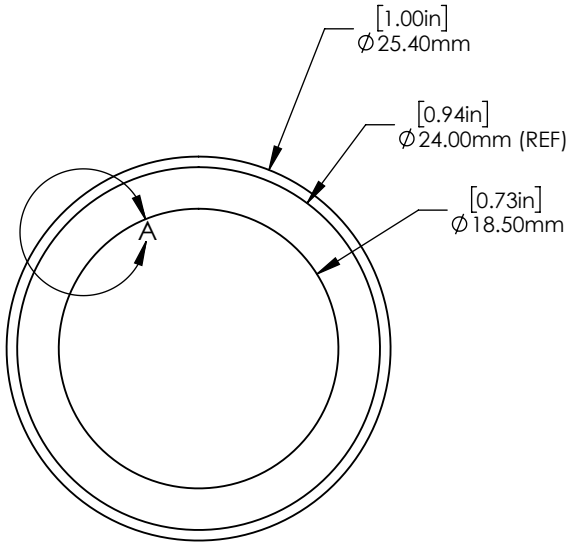
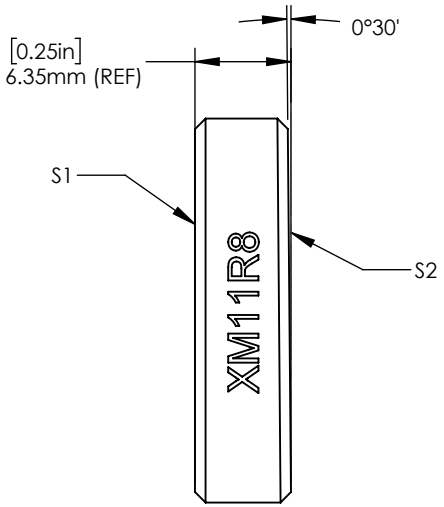




DETAIL A
SCALE 4 : 1





NOTES/SPECIFICATIONS:

1. MATERIAL: CORNING 7980 0A
2. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG, CENTRAL 10mm 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 19.5mm REGION
5. SURFACE ROUGHNESS (S1): <1.5 Å rms, CRYSTALLINE MIRROR COATING
6. SURFACE ROUGHNESS (S2): <1 Å rms, CENTRAL 19.5mm 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 19.5mm REGION
9. SURFACE IRREGULARITY (S1): <λ/10 P-V AT 633nm, CRYSTALLINE MIRROR COATING
10. COATING (S1): CRYSTALLINE MIRROR HR 1064nm, R >99.9969%, T > 5ppm, 0° AOI, COVERING CENTRAL 8mm
11. 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	09/JUNE/20
APPROVAL	GDC	15/DEC/20

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS

8mm CRYSTALLINE MIRROR ON 1" SUBSTRATE, 1m RADIUS OF CURVATURE

MATERIAL	REV
SEE NOTES	B

ITEM #	APPROX WEIGHT
XM11R8	7 g