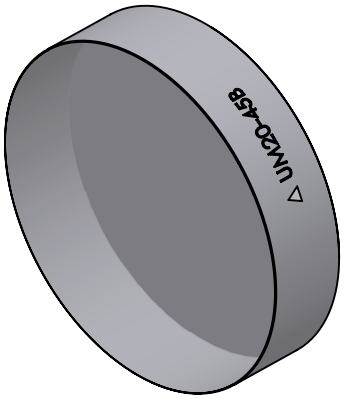
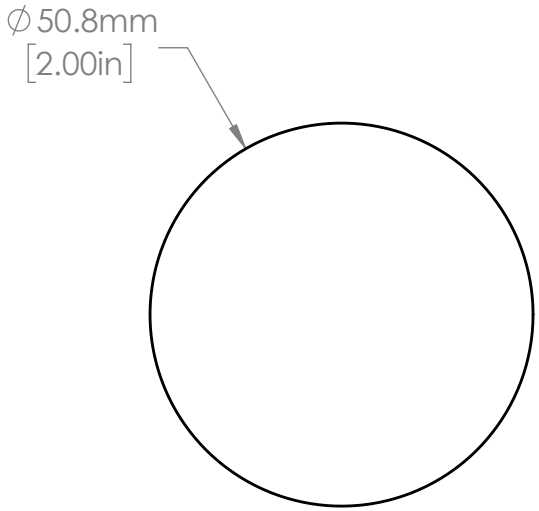
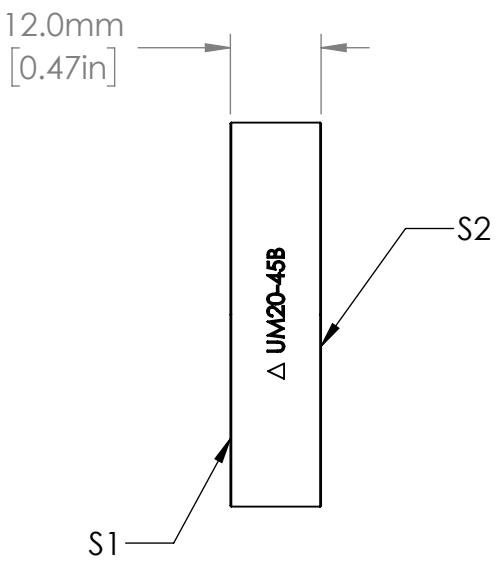






NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > 80% DIAMETER
2. SURFACE FLATNESS (S1): < λ/3 AT 632.8 nm OVER CLEAR APERTURE
3. SURFACE QUALITY (S1): 20-10 SCRATCH-DIG
4. SURFACE (S2): FINE GROUND
5. PARALLELISM: ≤ 5 arcmin
6. THICKNESS TOLERANCE: ±0.10 mm
7. DIAMETER TOLERANCE: +0.00/-0.10 mm
8. COATING (S1): LOW GDD COATING
   AOI: 45°
   S-POLARIZATION: R > 99%, |GDD| < 30 fs², 970 – 1150 nm
   P-POLARIZATION: R > 99%, |GDD| < 30 fs², 1020 – 1080 nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JD	21/DEC/21
APPROVAL	JE	13/JAN/22

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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∅50.8 mm LOW GDD MIRROR
970 nm – 1150 nm, 45° AOI

MATERIAL	REV
FUSED SILICA	A

ITEM #	APPROX WEIGHT
UM20-45B	54 g