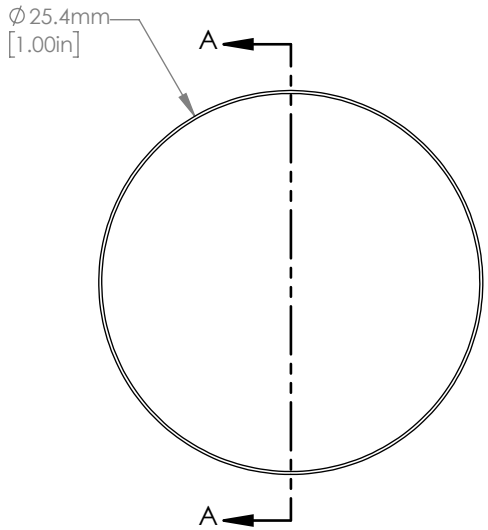
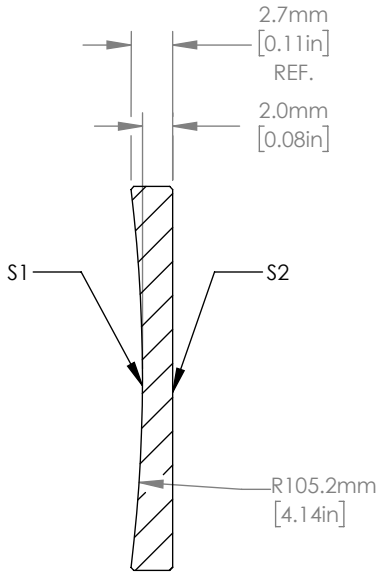






SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 µm
2. FOCAL LENGTH: f=-75.0 mm ±1%
3. BACK FOCAL LENGTH(REF): bf=-75.8 mm
4. CLEAR APERTURE: >∅20.3 mm
5. SURFACE QUALITY (S1, S2): 60-40 SCRATCH-DIG
6. CENTRATION: <3 arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1 mm
8. THICKNESS TOLERANCE: ±0.1 mm
9. COATING (S1, S2): BBAR 7.0-12.0 µm, Ravg: <1.0%, Rabs: <2.0%, Tavg: >97%, Tabs: >92%, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JAC	23/JAN/20
APPROVAL	DD	23/JAN/20

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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ZnSe PLANO-CONCAVE LENS,
∅25.4 mm, f=-75 mm, BBAR: 7.0-12.0 µm

MATERIAL	REV
ZINC SELENIDE	A

ITEM #	APPROX WEIGHT
LC7421-E3	6 g