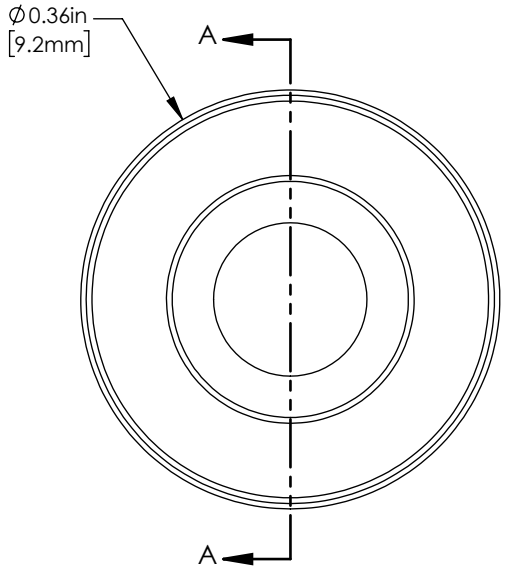
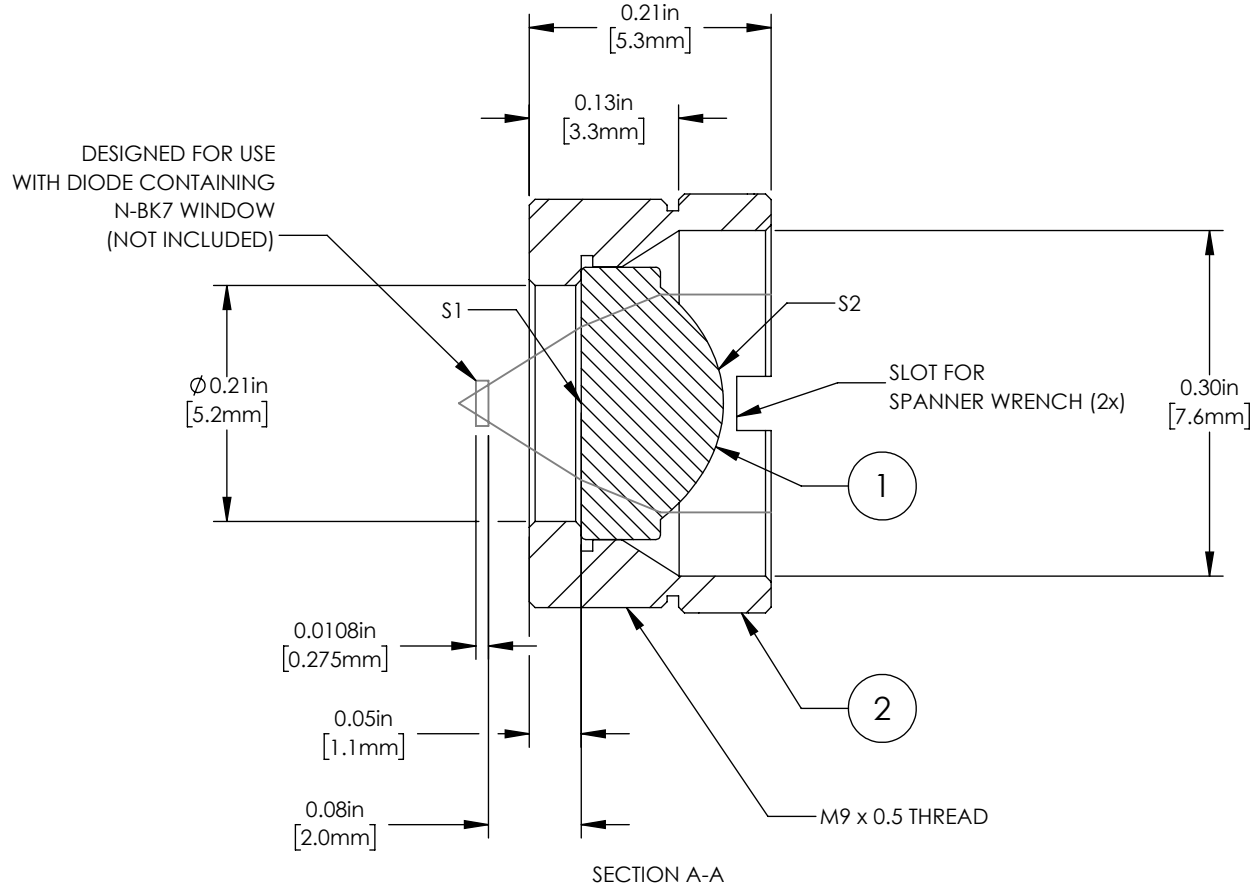
	PART	MATERIAL
1	354453-A	D-ZK3
2	LENS MOUNT	303 STAINLESS STEEL







SECTION A-A

NOTES/SPECIFICATIONS:

1. MATERIAL: D-ZK3
2. REFRACTIVE INDEX: 1.586 @ 587.6nm
3. DESIGN WAVELENGTH: 655 nm
4. CLEAR APERTURE: (S1) ∅3.38 mm
   (S2) ∅4.80 mm
5. LASER WINDOW MATERIAL: N-BK7
   WINDOW THICKNESS: 0.275 mm
   REFRACTIVE INDEX: 1.517
6. EFFECTIVE FOCAL LENGTH: 4.6 mm±1.0%
7. NUMERICAL APERTURE: 0.50
8. CENTER THICKNESS TOLERANCE: ±0.020 mm (LENS)
9. SURFACE QUALITY: 40-20 SCRATCH-DIG (INCLUDES ENTIRE BULK MATERIAL)
10. RMS WFE: ≤ DIFFRACTION LIMITED
11. COATING(S1&S2): BBAR Ravg<0.5% FROM 350-700 nm, AOI: 0°
12. FOR ASPHERIC COEFFICENTS SEE UNMOUNTED LENS, PART NUMBER 354453-A

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JAC	24/DEC/19
APPROVAL	DD	18/DEC/23

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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0.50 NA MOUNTED ASPHERIC LENS, f=4.6 mm, DW=655 nm, A COATED

MATERIAL	REV
SEE TABLE	B

ITEM #	APPROX WEIGHT
C453TMD-A	1.40 g