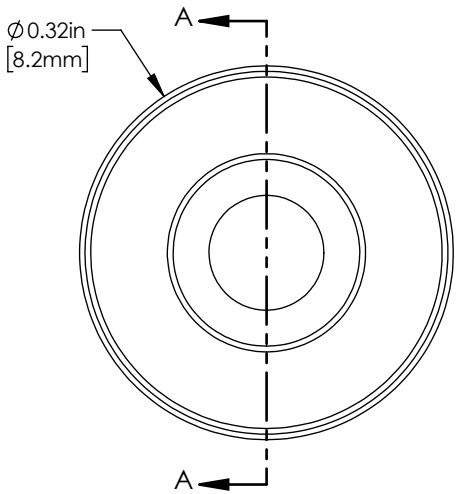
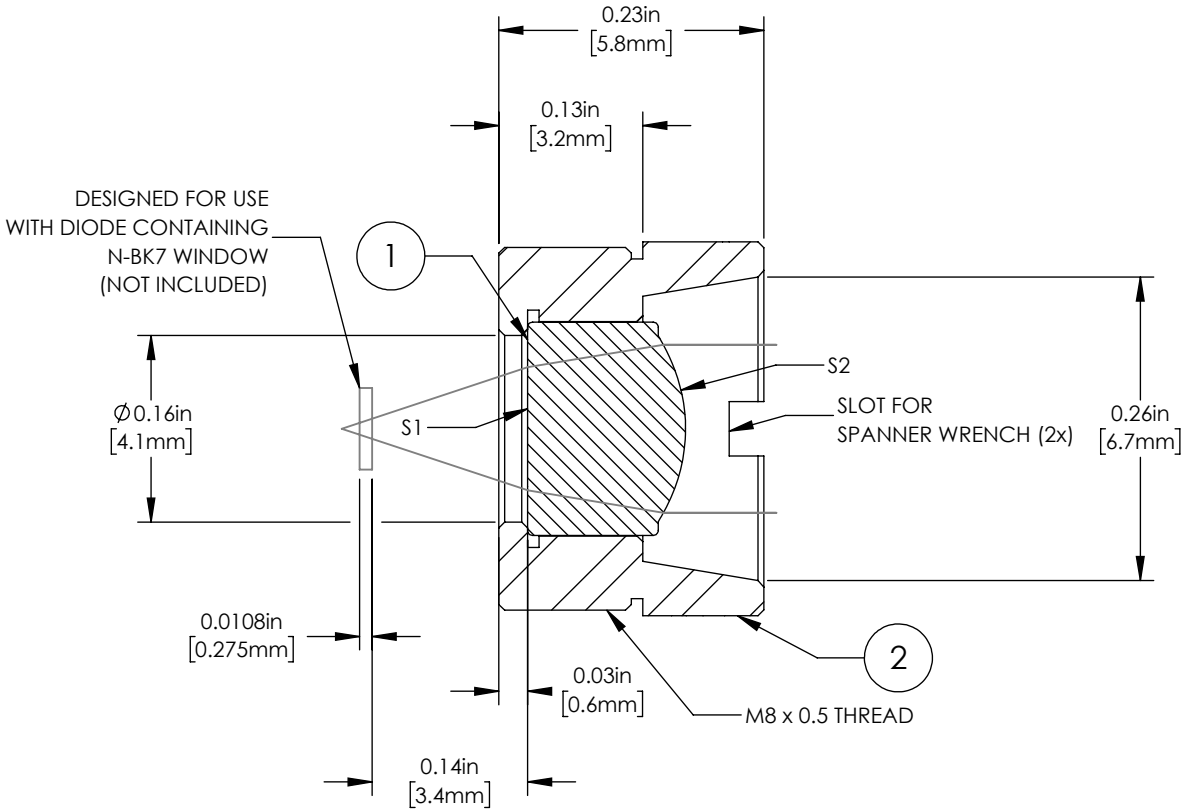
	PART	MATERIAL
1	354171-A	D-ZK3
2	LENS MOUNT	303 STAINLESS STEEL







SECTION A-A

NOTES/SPECIFICATIONS:
1. MATERIAL: D-ZK3
2. REFRACTIVE INDEX: 1.586 @ 587.6nm
3. DESIGN WAVELENGTH: 633nm
4. CLEAR APERTURE:
   (S1): ∅2.72mm
   (S2): ∅3.70mm
5. LASER WINDOW MATERIAL: N-BK7
   WINDOW THICKNESS: 0.275mm
   REFRACTIVE INDEX: 1.517 @ 587.6nm
6. EFFECTIVE FOCAL LENGTH: 6.2mm±1.0%
7. NUMERICAL APERTURE: 0.30
8. CENTER THICKNESS TOLERANCE: ±0.040mm (LENS)
9. SURFACE QUALITY: 80-50 SCRATCH-DIG (INCLUDES ENTIRE BULK MATERIAL)
10. RMS WFE: ≤ DIFFRACTION LIMITED
11. COATING(S1&S2): BBAR Ravg<0.5% FROM 350-700nm, AOI: 0°
12. FOR ASPHERIC COEFFICENTS SEE UNMOUNTED LENS, PART NUMBER 354171-A

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	GG	25/FEB/14
APPROVAL	JAC	05/DEC/23

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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MOUNTED 0.30 NA ASPHERIC LENS, f=6.2mm, DW=633nm, A COATED

MATERIAL	REV
SEE TABLE	B

ITEM #	APPROX WEIGHT
C171TMD-A	1.44 g