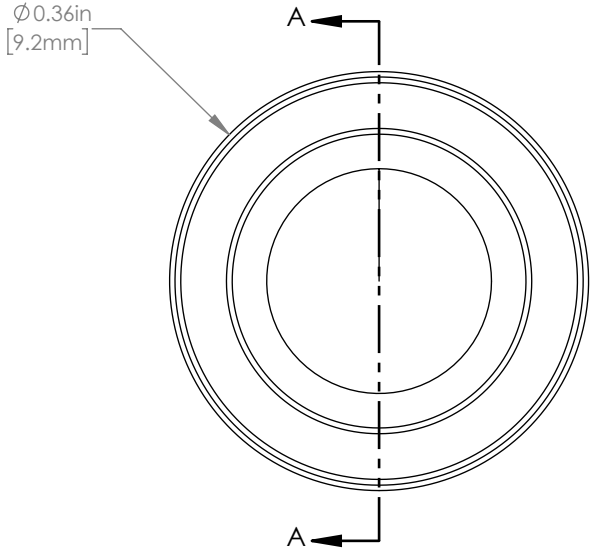
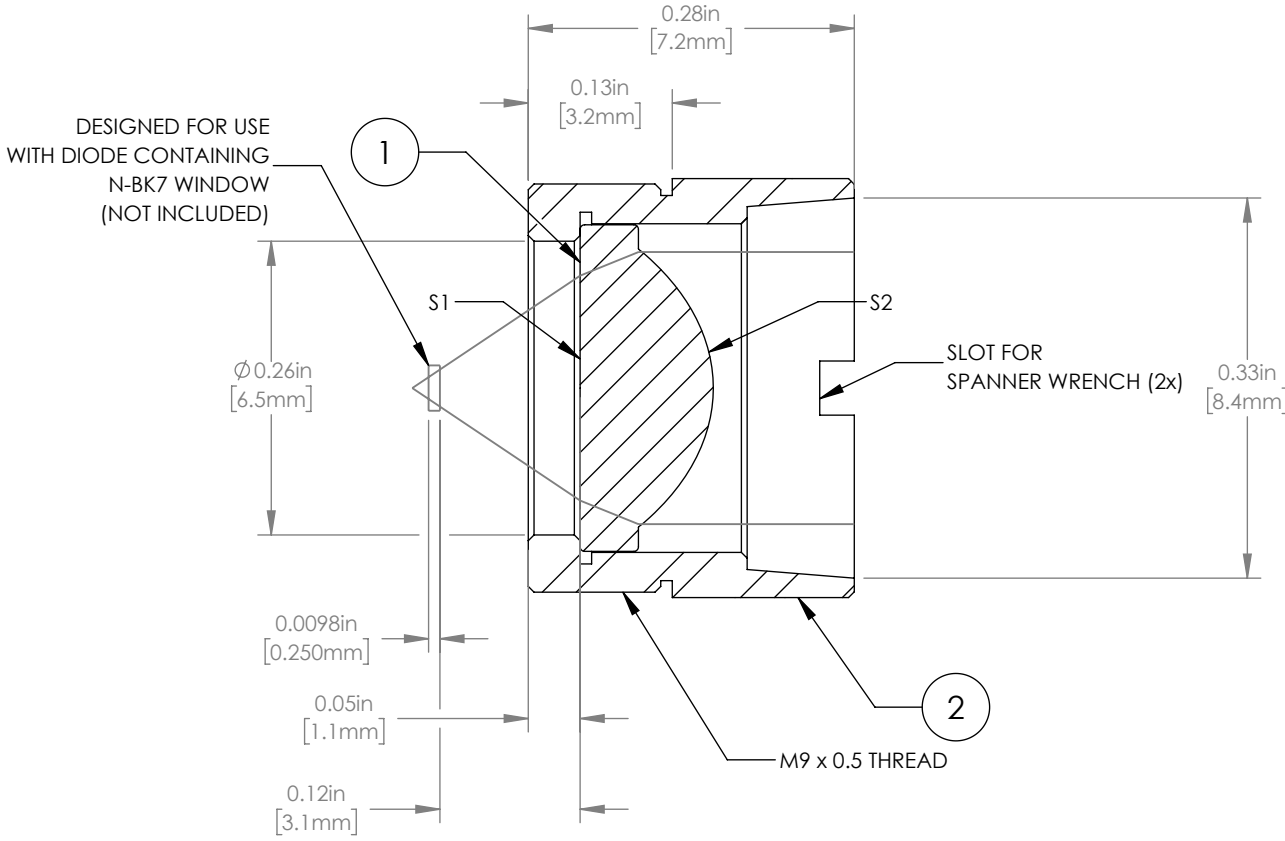
	PART	MATERIAL
1	354105-A	D-ZK3
2	LENS MOUNT	303 STAINLESS STEEL







SECTION A-A

NOTES/SPECIFICATIONS:

1. MATERIAL: D-ZK3
2. REFRACTIVE INDEX: 1.586 @ 587.6nm
3. DESIGN WAVELENGTH: 633 nm
4. CLEAR APERTURE: (S1) ∅4.96 mm
   (S2) ∅6.00 mm
5. LASER WINDOW MATERIAL: N-BK7
   WINDOW THICKNESS: 0.250mm
   REFRACTIVE INDEX: 1.517 @ 587.6nm
6. EFFECTIVE FOCAL LENGTH: 5.5 mm±1.0%
7. NUMERICAL APERTURE: 0.56
8. CENTER THICKNESS TOLERANCE: ±0.030 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 354105-A

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JAC	24/DEC/19
APPROVAL	DD	05/DEC/23

COPYRIGHT © 2019 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

MOUNTED 0.56 NA ASPHERIC LENS, f=5.5 mm, DW=633 nm, A COATED

MATERIAL	REV
SEE TABLE	C

ITEM #	APPROX WEIGHT
C105TMD-A	1.43 g