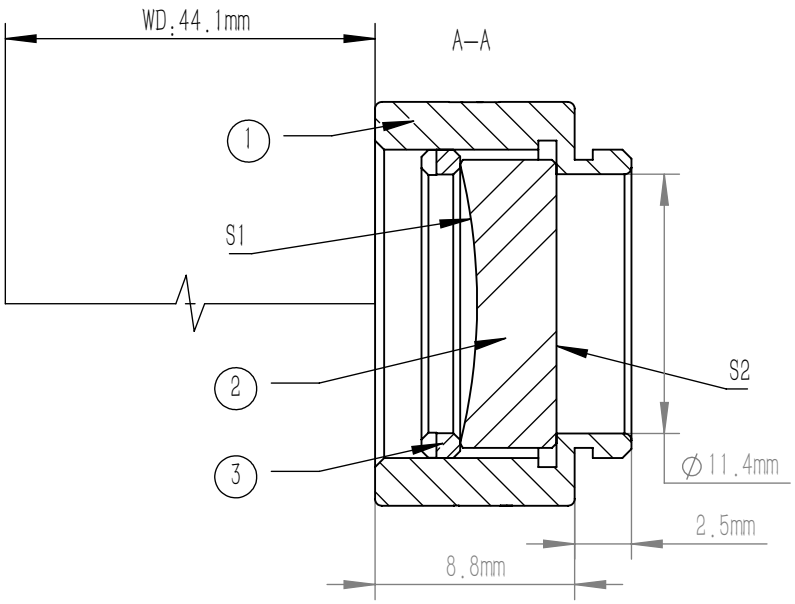
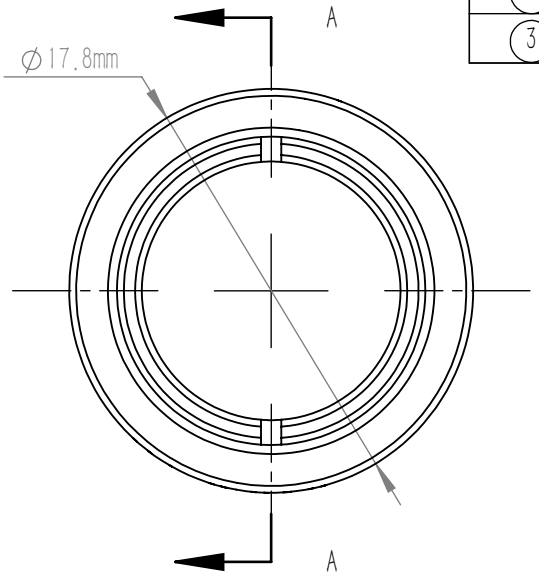
	PART DESCRIPTION	MATERIAL
1	SM05-8A	ANODIZED ALUMINIUM
2	CC10310-B	N-BK7
3	SM05R	ANODIZED ALUMINIUM





NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: -50.0 mm±1%
6. BACK FOCAL LENGTH(REF): -52.1 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): λ/2 @ 632.8 nm
10. SURFACE POWER(S2): 3λ/2 @ 632.8 nm
11. SURFACE IRREGULARITY(S2): λ/4 @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm,45°
14. COATING(S1,S2): AR COATING Ravg <0.5% @ 700 nm-1100 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MCC10310-B			
DRAWN	BSHU	Aug./19th/24	∅ 12.7 mm,f=-50.0 mm PLANO CONCAVE LENS AR COATING 700-1100 nm			
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	9.62 g	2:1	B