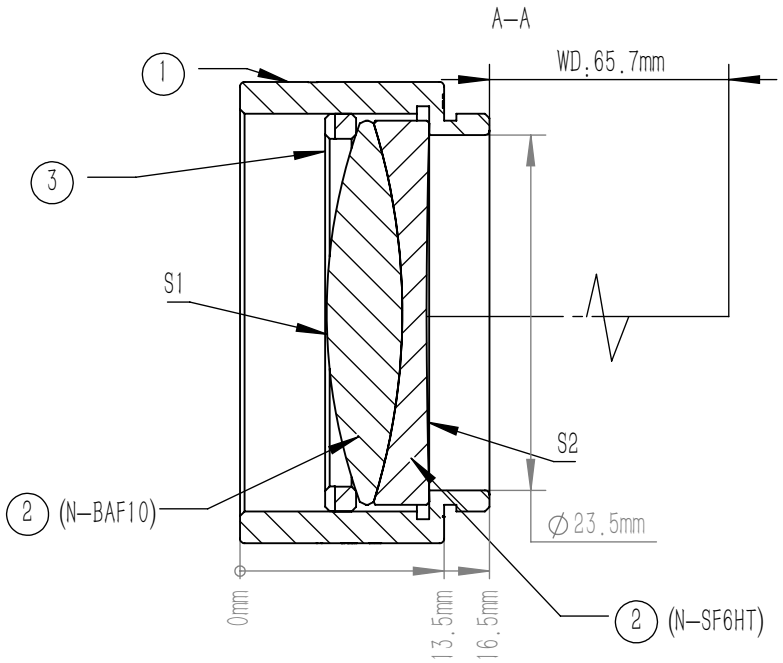

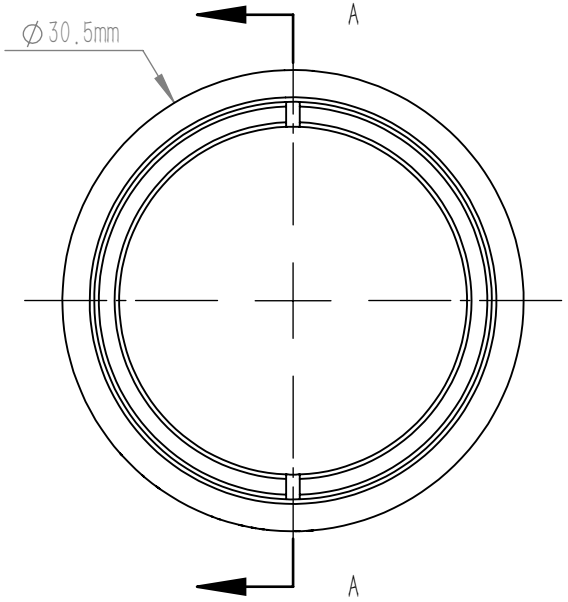

NOTES

1. DESIGN WAVELENGTH: 706.5 nm,855.0 nm & 1015.0 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 700 nm–1100 nm
4. DIAMETER TOLERANCE: +0.0/–0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 75.0 mm±1%@855.0 nm
7. BACK FOCAL LENGTH(REF): 69.6 mm
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S1,S2): 3λ/2@632.8 nm
10. SURFACE IRREGULARITY(S1,S2): λ/4@632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm,45°
13. COATING(S1,S2): AR COATING Ravg<0.5%@700 nm–1100 nm

	PART DESCRIPTION	MATERIAL
1	SM1–12.5A	ANODIZED ALUMINIUM
2	AD412–B	N–BAF10
		N–SF6HT
3	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION

LBTEK

	NAME	DATE	MAD412–B			
DRAWN	BSHU	Aug./5th/24	∅ 25.4 mm,F=75.0 mm ACHROMATIC DOUBLETS AR COATING 700–1100 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N–BAF10/N–SF6HT	46.49g	2:1	B