



NOTES

1. MATERIAL: H-LAK10/H-ZF7LA
2. DESIGN WAVELENGTH: 488 nm, 707 nm & 1064 nm
3. CLEAR APERTURE: >90%CA
4. OPERATION WAVELENGTH: 400 nm-1100 nm
5. DIAMETER TOLERANCE: +0.0/-0.1 mm
6. THICKNESS TOLERANCE: ±0.2 mm
7. FOCAL LENGTH: 100.0 mm ±1%@7076 nm
8. BACK FOCAL LENGTH(REF): 91.7 mm
9. SURFACE QUALITY (S/D) (S1,S2) : 40/20
10. SURFACE POWER (S1,S2) : 3λ/2@632.8 nm
11. SURFACE IRREGULARITY(S1,S2): λ/4@632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING (S1,S2) : AR COATING Ravg<1.0%@400 nm-1100 nm

	PART DESCRIPTION	MATERIAL
①	SM2-16.5A	ANODIZED ALUMINIUM
②	AD508-AB	H-LAK10
		H-ZF7LA
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MAD508-AB			
DRAWN	SHAN	JUL./30th/24	ACHROMATIC DOUBLETS			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	115.6 g	1:1	A