



NOTES

1. DESIGN WAVELENGTH: 1016.0 nm, 1330.0 nm & 1550.0 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 1100 nm-1650 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 25.0 mm ±1% @ 1330.0 nm
7. BACK FOCAL LENGTH(REF): 20.3 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% @ 1100 nm-1650 nm

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	AD304-C	N-LAK22
		N-SF6
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK			
				MAD304-C			
DRAWN		BSHU	Aug./5th/24	Ø 12.7 mm, F=25.0 mm ACHROMATIC DOUBLETS AR COATING 1100-1650 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-LAK22/N-SF6	13.72g	2:1	B	