



	PART DESCRIPTION	MATERIAL
①	SM1-16.5A	ANODIZED ALUMINIUM
②	AD414-C	N-BAF10
		N-SF6HT
③	SM1R	ANODIZED ALUMINIUM

NOTES

1. MATERIAL: N-BAF10/N-SF6HT
2. DESIGN WAVELENGTH: 1016.0 nm, 1330.0 nm & 1550.0 nm
3. CLEAR APERTURE: >90%CA
4. OPERATION WAVELENGTH: 1100 nm-1650 nm
5. DIAMETER TOLERANCE: +0.0/-0.1 mm
6. THICKNESS TOLERANCE: ±0.2 mm
7. FOCAL LENGTH: 35.0 mm ±1%@1330.0 nm
8. BACK FOCAL LENGTH(REF): 27.4 mm
9. SURFACE QUALITY (S/D) (S1,S2): 40/20
10. SURFACE POWER (S1,S2):  $3\lambda/2@632.8\text{ nm}$
11. SURFACE IRREGULARITY(S1,S2):  $\lambda/4@632.8\text{ nm}$
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING (S1,S2): AR COATING  $R_{avg}<0.5\%@1100\text{ nm}-1650\text{ nm}$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MAD414-C			
DRAWN	BSHU	Aug./5th/24	$\phi 25.4\text{ mm}, F=35.0\text{ mm}$ ACHROMATIC DOUBLETS AR COATING 1100-1650 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BAF10/N-SF6	17.37g	2:1	B