



	PART DESCRIPTION	MATERIAL
①	SM2-25A	ANODIZED ALUMINIUM
②	AD512-C	N-BAF10
		N-SF6HT
③	SM2R	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: 75.0 mm ±1%@1330.0 nm
8. BACK FOCAL LENGTH(REF): 63.0 mm
9. SURFACE QUALITY (S/D) (S1,S2) : 40/20
10. SURFACE POWER (S1,S2) :  $3\lambda/2@632.8$  nm
11. SURFACE IRREGULARITY(S1,S2):  $\lambda/4@632.8$  nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING (S1,S2) : AR COATING  $R_{avg}<0.5\%@1100$  nm-1650 nm

DRAWING PROJECTION			<b>LBTEK</b>			
		NAME	DATE	MAD512-C		
DRAWN	BSHU	Aug./5th/24	$\Phi 50.8$ mm, F=75.0 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-BAF10/N-SF6	120.52g	1:1	B