



	PART DESCRIPTION	MATERIAL
①	SM2-16.5A	ANODIZED ALUMINIUM
②	AD519-C	N-BAF10
		N-SF6HT
③	SM2R	ANODIZED ALUMINIUM



NOTES

- MATERIAL: N-BAF10/N-SF6HT
- DESIGN WAVELENGTH: 1016.0 nm, 1330.0 nm & 1550.0 nm
- CLEAR APERTURE: >90%CA
- OPERATION WAVELENGTH: 1100 nm-1650 nm
- DIAMETER TOLERANCE: +0.0/-0.1 mm
- THICKNESS TOLERANCE: ±0.2 mm
- FOCAL LENGTH: 250.0 mm ±1%@1330.0 nm
- BACK FOCAL LENGTH(REF): 234.6 mm
- SURFACE QUALITY (S/D) (S1,S2) : 40/20
- SURFACE POWER (S1,S2) : $3\lambda/2@632.8\text{ nm}$
- SURFACE IRREGULARITY(S1,S2): $\lambda/4@632.8\text{ nm}$
- CENTRATION: <3 arcmin
- CHAMFER: <0.2 mm, 45°
- COATING (S1,S2) : AR COATING Ravg<0.5%@1100 nm-1650 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MAD519-C			
DRAWN	BSHU	Aug./5th/24	$\phi 50.8\text{ mm}$, F=250.0 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	84.68g	2:1	B