



	PART DESCRIPTION	MATERIAL
①	SM2-16.5A	ANODIZED ALUMINIUM
②	AD518-B	N-LAK22
		N-SF6HT
③	SM2R	ANODIZED ALUMINIUM



NOTES

- MATERIAL: N-LAK22/N-SF6HT
- DESIGN WAVELENGTH: 706.5 nm, 855 nm & 1015 nm
- CLEAR APERTURE: >90%CA
- OPERATION WAVELENGTH: 700 nm-1100 nm
- DIAMETER TOLERANCE: +0.0/-0.1 mm
- THICKNESS TOLERANCE: ±0.2 mm
- FOCAL LENGTH: 200.0 mm ±1%@855 nm
- BACK FOCAL LENGTH(REF): 193.2 mm
- SURFACE QUALITY (S/D) (S1,S2) : 40/20
- SURFACE POWER (S1,S2) : $3\lambda/2@632.8$ nm
- SURFACE IRREGULARITY(S1,S2): $\lambda/4@632.8$ nm
- CENTRATION: <3 arcmin
- CHAMFER: <0.2 mm, 45°
- AR COATING (S1,S2) : $R_{avg}<0.5\%@700$ nm-1100 nm (6° AOI, single)

DRAWING PROJECTION				LBTEK			
				MAD518-B			
	NAME		DATE	ACHROMATIC DOUBLETS			
DRAWN	SHAN		MAY./7th/25	MATERIAL	WEIGHT	SCALE	REV
APPROVAL	WCHENG		MAY./7th/25	N/A	43.08g	1:1	A
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES							