



	PART DESCRIPTION	MATERIAL
①	SM2-25A	ANODIZED ALUMINIUM
②	AD528-C	H-ZK50
		H-F4
③	SM2R	ANODIZED ALUMINIUM

NOTES

- MATERIAL: H-ZK50/H-F4
- DESIGN WAVELENGTH: 1016 nm, 1330 nm, 1550 nm
- CLEAR APERTURE: $>90\%CA$
- OPERATION WAVELENGTH: 1100 nm-1650 nm
- FOCAL LENGTH: 750.0 mm $\pm 1\%$ @1330 nm
- BACK FOCAL LENGTH(REF): 739.8 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: <0.5 mm, 45°
- AR COATING (S1,S2) : $R_{avg} < 0.5\%$ @1100 nm-1650 nm (0° AOI, Single Surface)

DRAWING PROJECTION			LBTEK			
		NAME	DATE	MAD528-C		
DRAWN	SHAN	DEC./4th/25	ACHROMATIC DOUBLETS			
APPROVAL	WCHENG	DEC./4th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	184.51g	1:1	B