



	PART DESCRIPTION	MATERIAL
①	SM2-16.5A	ANODIZED ALUMINIUM
②	AD530-C	SF5
		N-SF6HT
③	SM2R	ANODIZED ALUMINIUM



NOTES

- MATERIAL: SF5/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: 1000.0 mm ±1% @ 1330.0 nm
- BACK FOCAL LENGTH(REF): 990.3 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 $R_{avg} < 0.5% @ 1100 \text{ nm}-1650 \text{ nm}$

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MAD530-C			
DRAWN	BSHU	Aug./5th/24	$\phi 50.8 \text{ mm}, F=1000.0 \text{ mm}$ ACHROMATIC DOUBLETS AR COATING 1100-1650 nm			
APPROVAL	WCHENG	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-SF5/N-SF6	78.47g	2:1	B