



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THKKNSS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: f=40.1 mm±1%
6. BACK FOCAL LENGTH(REF): bf=38.1 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2$ @ 632.8 nm
10. SURFACE POWER(S2): $3\lambda/2$ @ 632.8 nm
11. SURFACE RREGULARITY(S2): $\lambda/4$ @ 632.8 nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2mm, 45°
14. AR COATNG(S1.S2): Ravg<0.5%@700-1100 nm (6° AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CX20309-B	UVFS
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK			
	NAME	DATE	MCX20309-B				
DRAWN	AGAO	MAY./22th/25	PLANO CONVEX LENS				
APPROVAL	SHAN	MAY./22th/25	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	3.91g	3:1	A	