



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 245-400 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THKKNES TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=150.0$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=145.2$ 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: <0.2 mm, 45°
14. AR COATING(S1,S2): $R_{avg}<0.5\% @ 245-400$ nm (6° AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM2-12.5A	ANODIZED ALUMINIUM
②	CX20815-UV	UVFS
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MCX20815-UV			
DRAWN	AGAO	MAY./26th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./26th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	73.97g	1:1	A