




NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1050-1700 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
4. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
5. FOCAL LENGTH: $f=150.5\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=145.2\text{ mm}$
7. CLEAR APERTURE: $>90\%CA$
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8\text{ nm}$
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8\text{ nm}$
11. SURFACE REGULARITY(S2): $\lambda/4 @ 632.8\text{ nm}$
12. CENTRATION: $<3\text{ arcmin}$
13. CHAMFER: $<0.2\text{mm}, 45^\circ$
14. AR COATING(S1,S2): $R_{\text{avg}} < 0.5\% @ 1050-1700\text{ nm}$ (6° AOI, single)

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

DRAWING PROJECTION		 					
	NAME	DATE	MCX20815-C				
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	