



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1050-1700 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
4. THKKNES TOLERANCE:  $\pm 0.1\text{ mm}$
5. FOCAL LENGTH:  $f=60.2\text{ mm}\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=46.6\text{ mm}$
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 RREGULARITY(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):  $R_{avg}<0.5\% @ 1050-1700\text{ nm}$  ( $6^\circ\text{ AOI}$ , single)

	PART DESCRIPTION	MATERIAL
①	SM2-25A	ANODIZED ALUMINIUM
②	CX20811-C	UVFS
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>			
	NAME	DATE	MCX20811-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	141.47g	1:1	A	