



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700–1100 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. THKKNES TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=200.7$  mm  $\pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=196.2$  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,  $45^\circ$
14. AR COATING(S1,S2):  $R_{avg}<0.5\% @ 700-1100$  nm ( $6^\circ$  AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM2-12.5A	ANODIZED ALUMINIUM
②	CX20817-B	UVFS
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MCX20817-B			
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	71.10g	1:1	A