



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1050-1700 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH:  $f=20.1 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=17.1 \text{ mm}$
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 arcmin
13. CHAMFER: <0.2mm, 45°
14. AR COATING(S1.S2):  $R_{avg} < 0.5\% @ 1050-1700 \text{ nm}$  (6° AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CX20304-C	UVFS
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MCX20304-C			
DRAWN	AGAO	MAY./20th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./20th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	4.12g	3:1	A