



剖面 A-A



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350–700 nm
3. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
4. THKKNES TOLERANCE:  $\pm 0.1$  mm
5. FOCAL LENGTH:  $f=100.3 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF):  $bf=93$  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):  $R_{avg} < 0.5\% @ 350-700$  nm ( $6^\circ$  AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM2-16.5A	ANODIZED ALUMINIUM
②	CX20813-A	UVFS
③	SM2R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<b>LBTEK</b>			
	NAME	DATE	MCX20813-A				
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	55.28g	1:1	A	