



剖面 A-A



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700–1100 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THKKNES TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=100.3$ 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°
14. AR COATING(S1,S2): $R_{avg}<0.5\% @ 700-1100$ nm (6° AOI, single)

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

DRAWING PROJECTION				<h1 style="color: red; margin: 0;">LBTEK</h1>					
		NAME		DATE		MCX20813-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	55.28g	1:1	A