



剖面 A-A



NOTES:

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 1050-1700 nm
3. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
4. THKKNES TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=40.1 \text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=35.3$ 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 RREOCULARITY(S2): $\lambda/4 @ 632.8$ nm
12. CENTRATION: <3 arcmin
13. CHAMFER: $<0.2\text{mm}, 45^\circ$
14. AR COATNG(S1.S2): $R_{avg}<0.5\% @ 1050-1700$ nm (6° AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM1-12.5A	ANODIZED ALUMINIUM
②	CX20609-C	UVFS
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				LBTEK					
		NAME		DATE		MCX20609-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	14.94 g	2:1	A