



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0  $\mu$ m
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE:  $\pm$ 0.1 mm
5. FOCAL LENGTH:  $f=125.0$  mm  $\pm$ 1%
6. BACK FOCAL LENGTH(REF):  $bf=122.4$  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 IRREGULARITY(S2):  $\lambda/4$  @ 632.8 nm
12. CENTRATION:  $<3$  arcmin
13. CHAMFER:  $<0.2$  mm,  $45^\circ$
14. COATING(S1, S2): UNCOATED

	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	CX10614	N-BK7
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<b>LBTEK</b>			
		NAME		MCX10614			
		DATE		$\phi 25.4$ mm, $f=125$ mm PLANO CONVEX LENS UNCOATED			
DRAWN	BSHU	Aug./5th/24	MATERIAL	WEIGHT	SCALE	REV	
APPROVAL	WCHENG	Aug./5th/24	N-BK7	19.25g	2:1	B	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES							