



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 700 nm-1100 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: f=40.0 mm±1%
6. BACK FOCAL LENGTH(REF): bf=35.7 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°
14. COATING(S1, S2): AR COATING Ravg <0.5% @ 700 nm-1100 nm

	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	CX10609-B	N-BK7
③	SM1R	ANODIZED ALUMINIUM

DRAWING PROJECTION				<b>LBTEK</b>			
				MCX10609-B			
DRAWN		BSHU	Aug. /12th/24	$\phi 25.4$ mm, f=40 mm PLANO CONVEX LENS AR COATING 700-1100 nm			
APPROVAL	WCHENG	Aug. /12th/24	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	23.36g	2:1	B	