



	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	BCX10315-A	N-BK7
③	SM05R	ANODIZED ALUMINIUM



NOTES

- DESIGN WAVELENGTH: 587.6 nm
- OPERATION WAVELENGTH: 400 nm-700 nm
- FOCAL LENGTH: 150.0 mm ± 1%
- BACK FOCAL LENGTH(REF): bf=148.5 mm
- CLEAR APERTURE: >90%CA
- SURFACE QUALITY(S/D)(S1,S2): 60/40
- SURFACE POWER(S1,S2): 3 (0.5) @ 632.8 nm
- SURFACE IRREGULARITY(S2):  $\lambda/4$  @ 632.8 nm
- CENTRATION: <3 arcmin
- CHAMFER: <0.2 mm, 45°
- COATING(S1,S2): AR COATING  $R_{avg} < 0.5\%$  @ 400 nm-700 nm

DRAWING PROJECTION			<b>LBTEK</b>			
		NAME	DATE	MBCX10315-A		
DRAWN	LTAN	Dec./21st/25	$\phi$ 12.7 mm, F=150.0 mm BI-CONVEX LENS AR COATING 400-700 nm			
APPROVAL	WCHENG	Dec./21st/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7&6061-T6	3.84 g	3:1	A