



剖面 A-A



NOTES:

- DESIGN WAVELENGTH: 587.6 nm
- OPERATION WAVELENGTH: 700-1100 nm
- DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
- THICKNESS TOLERANCE:  $\pm 0.1$  mm
- FOCAL LENGTH:  $f=30.1$  mm  $\pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=27.8$  mm
- CLEAR APERTURE:  $>90\%$ CA
- SURFACE QUALITY(S/D)(S1.S2): 40/20
- SURFACE FLATNESS(S1):  $\lambda/2 @ 632.8$  nm
- SURFACE POWER(S2):  $3\lambda/2 @ 632.8$  nm
- SURFACE REGULARITY(S2):  $\lambda/4 @ 632.8$  nm
- CENTRATION:  $<3$  arcmin
- CHAMFER:  $<0.2$ mm,  $45^\circ$
- AR COATING(S1.S2):  $R_{avg}<0.5\% @ 700-1100$  nm ( $6^\circ$  AOI, single)

	PART DESCRIPTION	MATERIAL
①	SM05-8A	ANODIZED ALUMINIUM
②	CX20307-B	UVFS
③	SM05R	ANODIZED ALUMINIUM

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE	MCX20307-B			
DRAWN	AGAO	MAY./22th/25	PLANO CONVEX LENS			
APPROVAL	SHAN	MAY./22th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N/A	3.97g	3:1	A