



	PART DESCRIPTION	MATERIAL
①	SM1-8A	ANODIZED ALUMINIUM
②	CC20612-A	UVFS
③	SM1R	ANODIZED ALUMINIUM



NOTES

- DESIGN WAVELENGTH: 587.6 nm
- OPERATION WAVELENGTH: 400 nm-700 nm
- DIAMETER TOLERANCE: +0.0/-0.1 mm
- THICKNESS TOLERANCE: ±0.1 mm
- FOCAL LENGTH: -75.0 mm±1%
- BACK FOCAL LENGTH(REF): -77.4 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 IRREGULARITY(S2): $\lambda/4$ @ 632.8 nm
- CENTRATION: <3 arcmin
- CHAMFER: <0.2 mm, 45°
- COATING(S1,S2): AR COATING Ravg <0.5% @ 400 nm-700 nm

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MCC20612-A			
DRAWN	BSHU	Aug./19th/24	∅ 25.4 mm, f=-75.0 mm PLANO CONCAVE LENS AR COATING 400-700 nm			
APPROVAL	WCHENG	Aug./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	23.57g	2:1	B