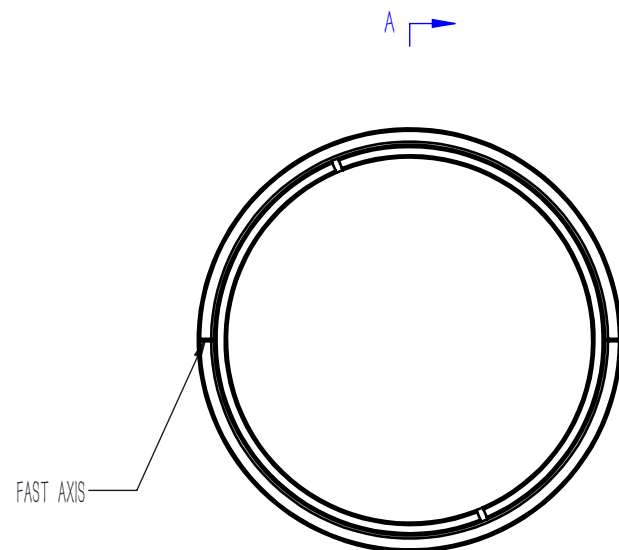
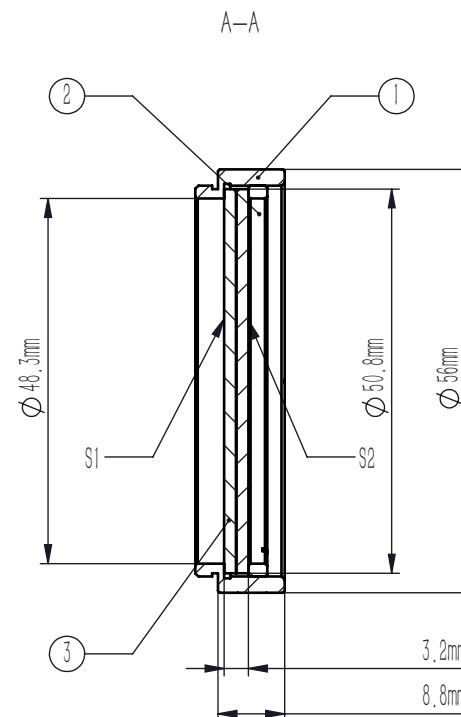


	PART DESCRIPTION	MATERIAL
①	SM2-8A	ANODIZED ALUMINIUM
②	SM2R	ANODIZED ALUMINIUM
③	QWP51-405A	LCP/N-BK7



NOTES:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER: $\Phi 50.8 +0/-0.1 \text{ mm}$
3. ELEMENT THICKNESS: $3.2 \pm 0.1 \text{ mm}$
4. OPTICAL APERTURE: $\Phi 45 \text{ mm}$
5. WORKING WAVELENGTH: 405 nm
6. RETARDANCE: $\lambda / 4$
7. SURFACE QUALITY (S/D): 60/40
8. AR COATING (S1, S2) : $R_{\text{avg}} < 0.5 \%$
@400-700 nm



DRAWING PROJECTION						
	NAME	DATE				
	SHAN	NOV./7th/24	QWP51-405A-M			
DRAWN	WCHENG	NOV./7th/24	Quarter Wave Plate			
APPROVAL			MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7/LCP	29.05 g	1:1	A