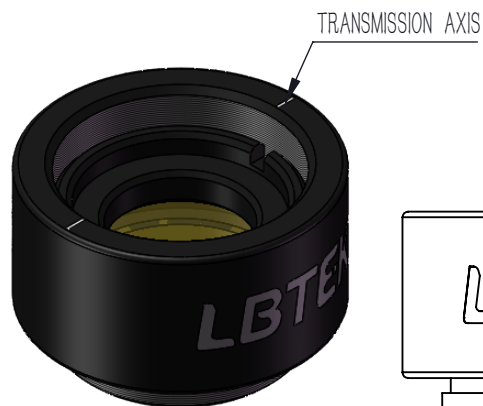
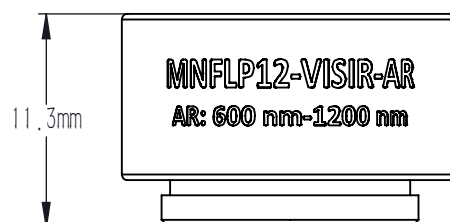
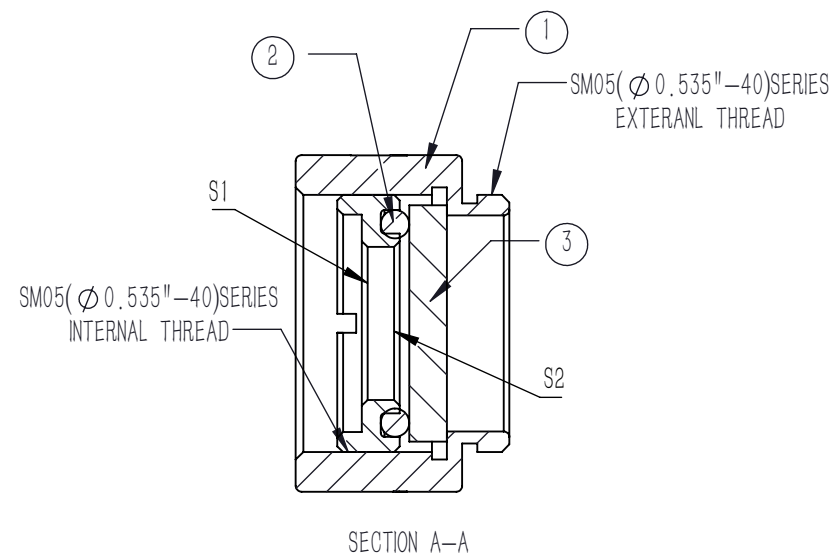
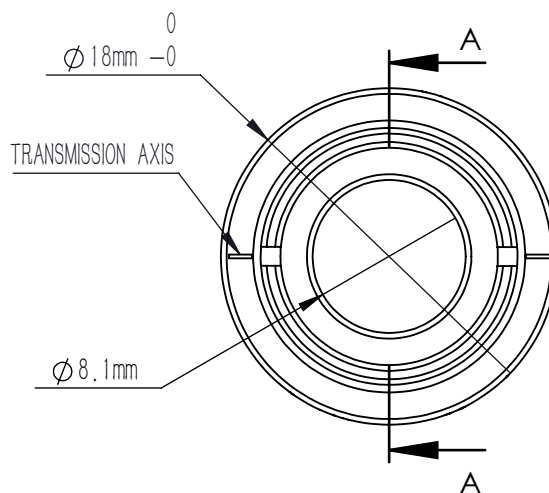


FRONT VIEW



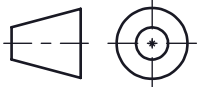
BACK VIEW



NUMBER	PART DESCRIPTION	MATERIAL
①	MECHANICAL HOUSING	BLACK ANODIZED ALUMINUM
②	SM05RSF	BLACK ANODIZED ALUMINUM
③	POLARIZER	SILVER NANOPARTICLES & SODA LIME GLASS

NOTES

1. OPERATION WAVELENGTH: 600–1200 nm
2. AR COATING: $R_{\text{abs}} < 1\%$ @ 600–1200 nm
3. EXTINCTION RATIO:
 $> 100000:1$ @ 600–1200 nm
4. TRANSMITTANCE(UNCOATED):
 $> 71\% - 88\%$ @ 600–1200 nm
5. CLEAR APERTURE: $> 90\%$ CA
6. WAVEFRONT ERROR($\varnothing 10$ mm): $< \lambda/4$ @ 633 nm
7. SURFACE QUALITY (S/D) : 40/20
8. PARALLELISM: < 1 arcmin
9. ACCEPTANCE ANGLE: $\pm 20^\circ$
10. DAMAGE THRESHOLD:
 CONTINUOUS BLOCK: 1 W/cm^2
 CONTINUOUS PASS: 5 W/cm^2
11. OPERATING TEMPERATURE: -20°C TO $+120^\circ \text{C}$

DRAWING PROJECTION 			LBTEK			
	NAME	DATE	MNFLP12-VISIR-AR			
DRAWN	LTAN	May./15th/26	NANOPARTICLE LINEAR POLARIZER SM05 LENS TUBE, $\varnothing 8.1$ mm, 600 nm–1200 nm			
APPROVAL	WCHENG	May./15th/26	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SILVER NANOPARTICLES & SODA LIME GLASS	4.3 g	5:2	A