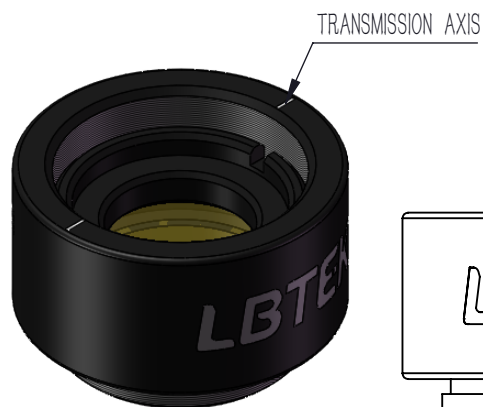
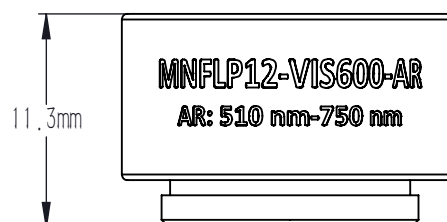
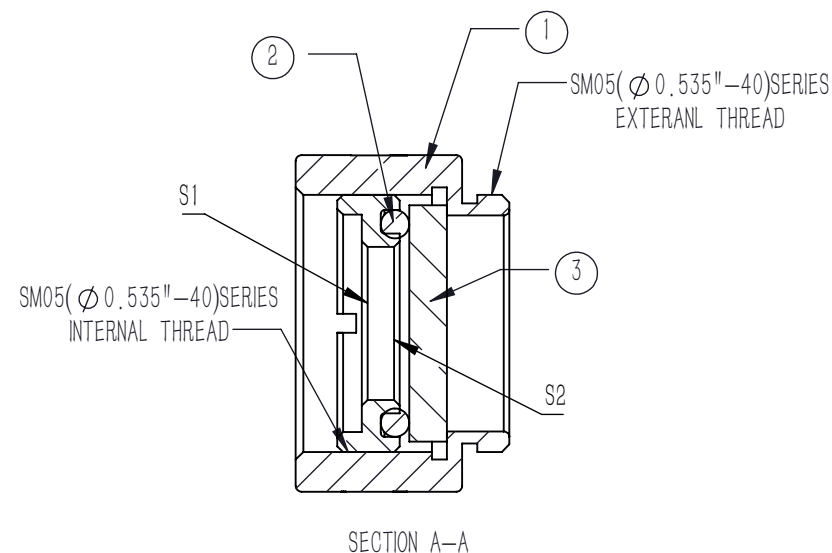
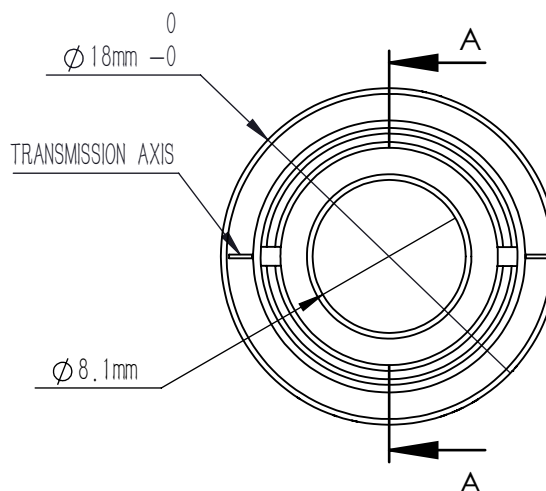


FRONT VIEW



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

- OPERATION WAVELENGTH: 510-750 nm
- AR COATING(S1,S2):Rabs<0.5%@510-750 nm
- EXTINCTION RATIO:
 >100000:1@530-640 nm
 >10000:1@520-740 nm
 >1000:1@510-750 nm
- TRANSMITTANCE:
 >66%-83%@530-640 nm
 >63%-86%@520-740 nm
 >58%-86%@510-750 nm
- CLEAR APERTURE: >90%CA
- WAVEFRONT ERROR(Ø 10 mm): <λ/4@633 nm
- SURFACE QUALITY (S/D) : 40/20
- PARALLELISM: <1 arcmin
- ACCEPTANCE ANGLE: ±20°
- DAMAGE THRESHOLD:
 CONTINUOUS BLOCK: 1 W/cm²
 CONTINUOUS PASS: 5 W/cm²
- OPERATING TEMPERATURE: -20° C TO +120 ° C

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MNFLP12-VIS600-AR			
DRAWN	LTAN	May./15th/26	NANOPARTICLE LINEAR POLARIZER SM05 LENS TUBE, Ø 8.1 mm, 510 nm-750 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