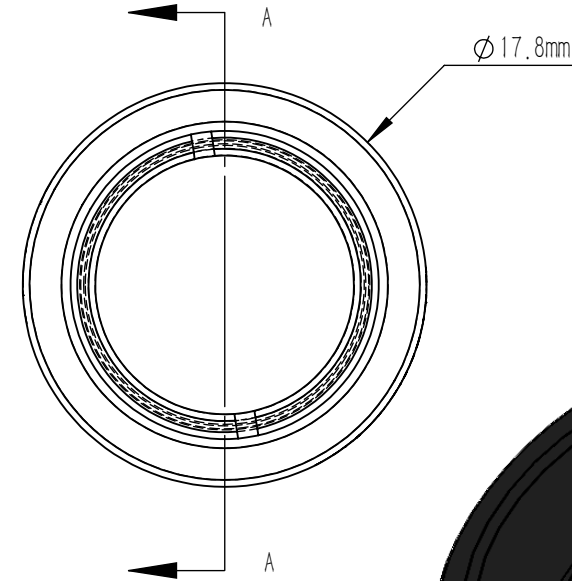
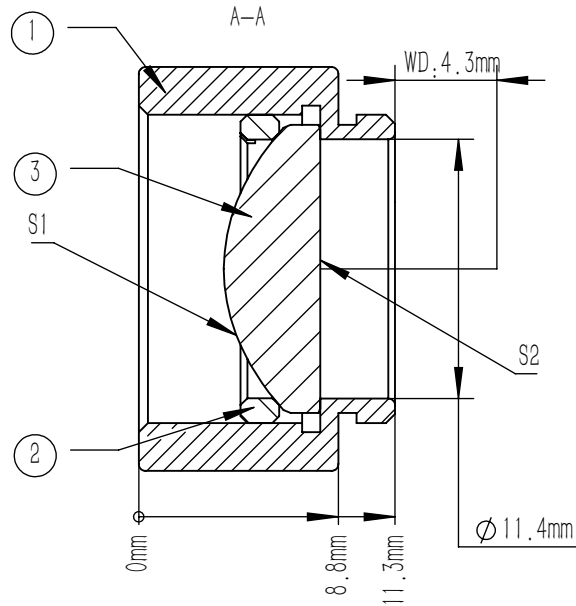


	R	K	A4	A6	A8	A10	A12	A14	A16
S1	7.77	-1	9.8464319e-05	-6.9905851e-08	-2.3874994e-09	-1.1328583e-11	8.7255438e-14	2.8967313e-16	1.7632112e-18
S2	∞	-	-	-	-	-	-	-	-

$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1+k)Y^2/R^2})} + A_4Y^4 + A_6Y^6 + A_8Y^8 + A_{10}Y^{10} + A_{12}Y^{12} + A_{14}Y^{14} + A_{16}Y^{16}$$

	Part Description	Material
①	MAC7908-A-EVA	ANODIZED ALUMINUM
②	SM05R	ANODIZED ALUMINUM
③	AC7908-A	S-LAH64



NOTES:

- DESIGN WAVELENGTH: 780.0 nm
- NUMERICAL APERTURE: 0.50
- FOCAL LENGTH: 10.0 mm ± 1 %
- BACK FOCAL LENGTH(REF): 7.6 mm
- CLEAR APERTURE: >90 %CA
- DIAMETER TOLERANCE: +0.0/-0.1 mm
- THICKNESS TOLERANCE: ±0.1 mm
- CHAMFER: 0.2 mm, 45 °
- WAVEFRONT ERROR(RMS): <0.5 μm
- SAG DEVIATION(POWER, S1): ±7.5 μm
- SURFACE IRREGULARITY(S1): <3 FRINGES
- SURFACE FLATNESS(S2): λ/4
- SURFACE QUALITY(S/D): 60/40
- CENTRATION: <3 arcmin
- DAMAGE THRESHOLD: 6 J/cm²@532 nm, 10 ns, 10 HZ, Ø0.345 mm
- AR COATING(S1, S2): Ravg < 0.5 % @ 400-700 nm, 6° AOI

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	SHAN	APR./19th/24	ASPHERIC LENS			
APPROVAL	WCHENG	APR./19th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			S-LAH64	8.78g	3:1	B