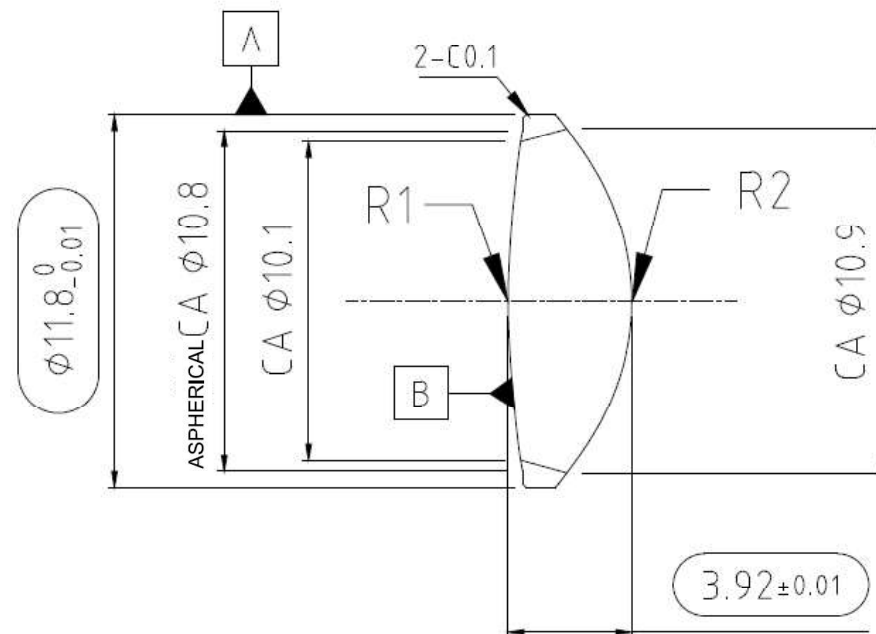


NOTES :

- Material : Q-FKH1S
Nd : 1.49595 ± 0.0003
Vd : $81.79 \pm 0.5\%$
- Interpret optical tolerance per ISO 10110
- Coat R1 & R2 surface as follows :
R (abs.) < 0.5% AT 450-680nm
465nm T > 98.5% (FAI check)
525nm T > 99.0% (FAI check)
650nm T > 99.0% (FAI check)
- Coating area > CA+0.1mm
- Coatings test methods per ISO 9211-4
Abrasion : degree of severity 04 x 1
Adhesion : degree of severity 03 x 3
- Surface quality 60-40 per MIL-PRF-13830B
-  The main inspection dimension
- ASPHERICAL COEFFICIENT:



$$Z = \frac{cy}{1 + \sqrt{1 - (1+K)c^2y^2}} + Ay^3 + By^4 + Cy^5 + Dy^6 + Ey^7 + Fy^8 + Gy^9 + Hy^{10} + Iy^{11} + Jy^{12}$$

L7R1	L7R2
24.16974306	-7.76889119
-2.53571858	-0.86452756
-3.39564755E-04	-7.36510176E-05
1.45524667E-06	-1.52029033E-05
1.00456915E-06	1.36738337E-06
-1.05645834E-07	-7.34799263E-08
5.44803582E-09	2.31434135E-09
-1.36302175E-10	-4.19766460E-11
1.38437123E-12	3.98145026E-13

Sag	L7R1	L7R2
0	0	0
1	0.020336	-0.064483
2	0.077361	-0.259885
3	0.161307	-0.593558
4	0.262433	-1.078455
5	0.389572	-1.729658
6	0.738457	-2.445296

9.SURFACE ACCURACY

Item	R1	R2
Design R	P-V <0.75um	<0.9um
Profile	U non-bendable	non-bendable
Best Fit R	P-V <0.25um	<0.3um
Profile	W bend once	M bend once
AS	<0.2um	<0.2um
Roughness	<10nm	<10nm
Surface Decenter	< 5um	
Surface Tilt	< 60"	
Decenter & Tilt	--	< 60"(A,B)

SY 上陽光學
SUN YANG OPTICS

Material:	Surface Finish:		TITLE: 11.8mm Dia., 3.92mm Thk. Aspheric Lens		
See note	See Note				
Scale:	Unit:	Size:	Sheet:	Stock No.	1G001
free	mm	A4	1/1	Rev.	01