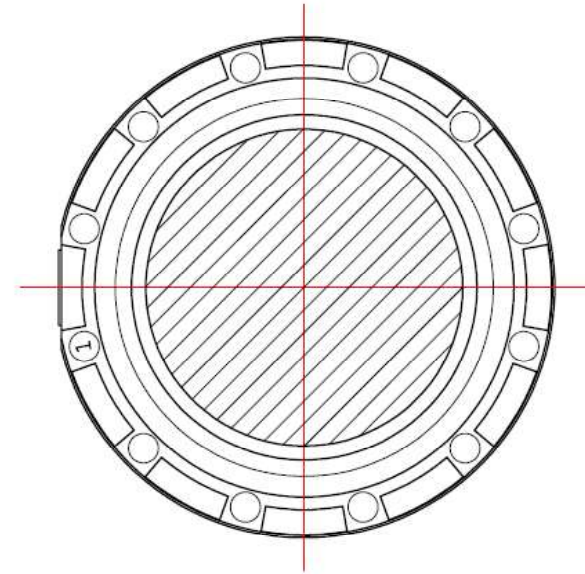
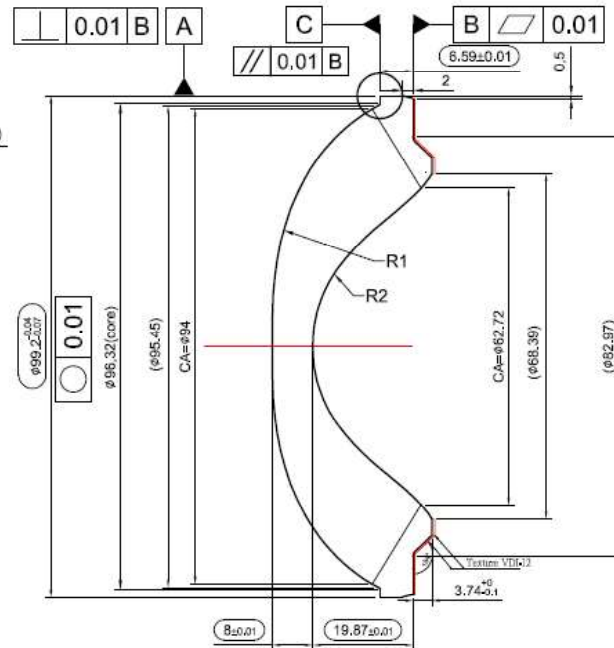
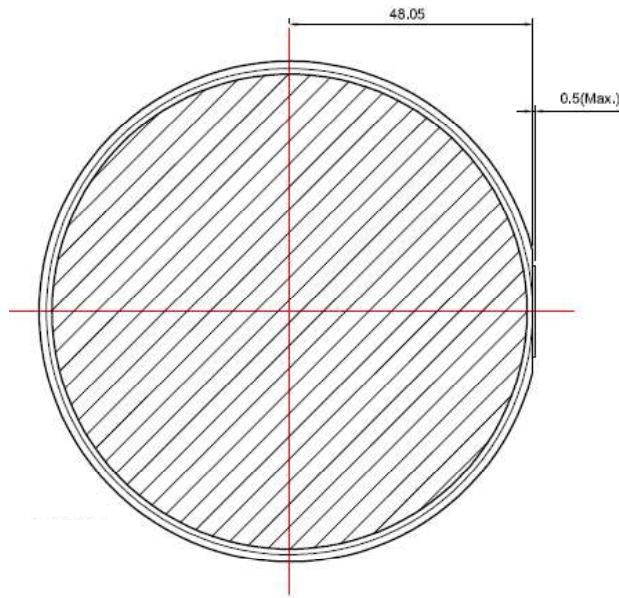




NOTES:

- MATERIAL:D4000
Nd : 1.516221 ± 0.0005
Vd : 56.936335 ± 0.8%
- INTERPRET OPTICAL TOLERANCES PER ISO 10110
- Coat two surface as follows :
Rabs < 0.5% AT 450nm-750nm
Rabs < 1.5% AT 750nm
Tabs > 97.5% AT 450nm
Tabs > 97.5% AT 540nm
Tabs > 97.5% AT 750nm
- Coatings shall meet adhesion using CT-18 tape
- SURFACE QUALITY:60-40,SCRATCH AND DIG PER MIL-PRF-13830B
- Coating area no film shortage
- The main inspection dimension

8.ASPHERICAL COEFFICIE

$$z = \frac{cy^2}{1 + \sqrt{1 - (1 + K)c^2y^2}} + Ay^4 + By^6 + Cy^8 + Dy^{10} + Ey^{12} + Fy^{14} + Gy^{16}$$

R	600.00000000000000	27.80244887611530
K	1.69901738797203E+01	-5.88595638209972E-01
4th	1.15909978078886E-05	1.08085794953697E-05
6th	-1.57249006956700E-08	5.39887830637419E-09
8th	1.57074719369402E-11	-9.82907780793293E-11
10th	-1.00011839659241E-14	2.61445851899324E-13
12th	3.98588723667756E-18	-3.35938611460035E-16
14th	-9.03958182091290E-22	2.04148964228572E-19
16th	9.12865952582894E-26	-4.72415523271016E-23

Sag(mm)			
r	R1	r	R2
0.00	0.0000000	0.00	0.0000000
5.00	0.0278446	3.50	0.2223943
10.00	0.1850974	7.00	0.9131362
15.00	0.6306886	10.50	2.1404680
20.00	1.4977860	14.00	3.9914900
25.00	2.8626220	17.50	6.5317100
30.00	4.8091560	21.00	9.7924700
35.00	7.4968000	24.50	13.7277300
40.00	11.2227200	28.00	17.9548400
45.00	16.6929800	31.50	21.4606000
47.00	19.7818100		

9.SURFACE ACCURACY

Item	R1	R2
Accuracy (P-V)	@ 1.0° < 15um @ 0.8° > 0.45*maxPV and < 0.65*maxPV	
Best Fitting (P-V)	< 5um	< 5um
AS	≤ 5um	≤ 5um
Roughness (Ra)	< 20nm	< 20nm
Profile	u/u,不可反曲	
Decenter (UA3P/QV)	< 10um	
Tilt (UA3P)	< 60°	
Decenter/Tilt (Trioptics)	< 60°(A,B)	< 60°(A,C)

SY 上陽光學
SUN YANG OPTICS

Material:		Surface Finish:			TITLE: 99.2mm Dia., 8mm Thk. Plastic Lens			
See note		See Note						
Scale:	Unit:	Size:	Sheet:					
free	mm	A4	1/1	Stock No.	1H015	Rev.	01	