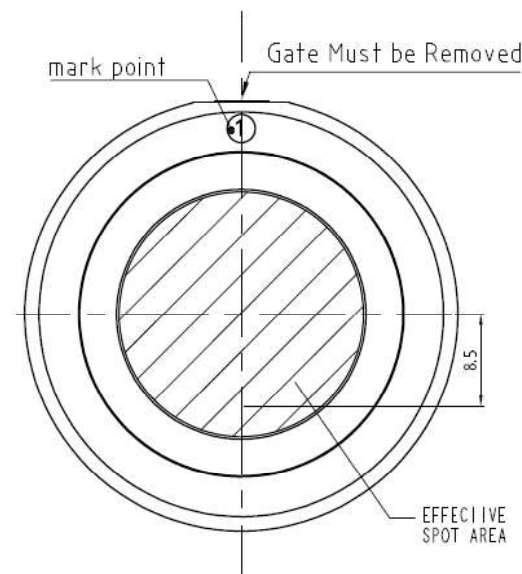
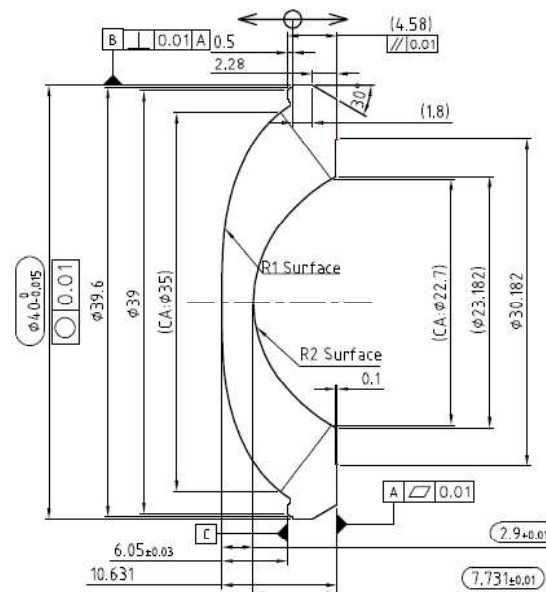
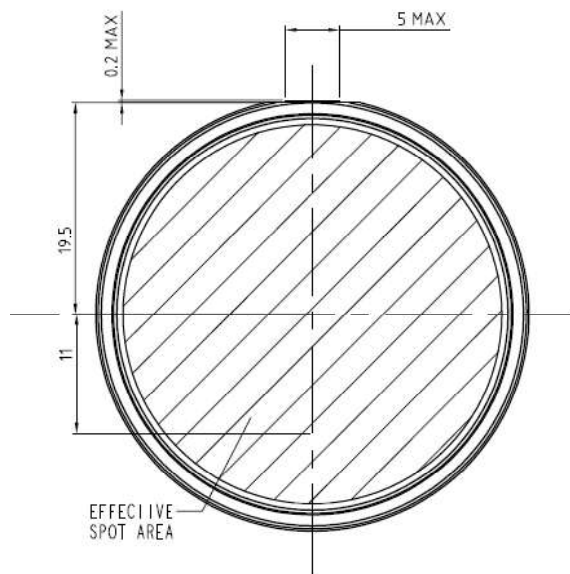




NOTES:

1. MATERIAL:480R

Nd : 1.525120 ± 0.0005

Vd : 56.281563 ± 0.8%

2. INTERPRET OPTICAL TOLERANCES PER ISO 10110

3. Coat R1 & R2 surface as follows :

Rabs < 0.5% AT 450nm-650nm

Rabs < 1.5% AT 650nm-750nm

4. Coatings test methods follow ISO9211-4

Abrasion : degree of severity 01 x 1

Adhesion : degree of severity 03 x 3

5. SURFACE QUALITY:60-40,SCRATCH AND DIG PER MIL-PRF-13830B

6. Coating area no film shortage

7. The main inspection dimension

8.ASPHERICAL COEFFICIE

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

ASPHERICAL DATA		
	R1	R2
R	328.10389425	11.38877938
K	0.52680672	-0.66091789
A	9.80255718E-05	1.98688997E-05
B	-3.22121518E-07	8.20739016E-07
C	4.92712165E-10	2.16969376E-09
D	3.22025311E-13	-2.04728745E-10
E	2.65197413E-15	1.47073322E-12
F	-1.66696299E-17	1.02397347E-16
G	2.80857703E-20	-1.62873662E-17

Sag(mm)		Sag(mm)	
	R1		R2
0	0.0000	0	0.0000
3	0.021424	3	0.399688
6	0.167732	6	1.678021
9	0.618189	9	4.101053
12	1.528792	12	8.417864
15	3.094412	15	--
18	6.120097	18	--
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9.SURFACE ACCURACY

Item	R1	R2
Accuracy (P-V)	≤ 9μm	≤ 9μm (Best ≈ 2R1 PV)
Best Fitting (P-V)	≤ 1/3 R1 Acc PV	≤ 1/3 R2 Acc PV
AS	≤ 2μm	≤ 2μm
Roughness (Ra)	≤ 10nm	≤ 10nm
Profile	u/n or n/u不可反曲	
Surface Decenter (UA3P)	< 7μm	
Surface Tilt (UA3P)	< 60"	
Decenter / Tilt (Trioptics)	< 60" BA	< 60" BC

SY 上陽光學
SUN YANG OPTICS

TITLE: 40mm Dia., 2.9mm Thk.
Plastic Lens

Material:	Surface Finish:		Sheet:
See note	See Note		
Scale:	Unit:	Size:	Sheet:
free	mm	A4	1/1
Stock No.	1H011	Rev.	01