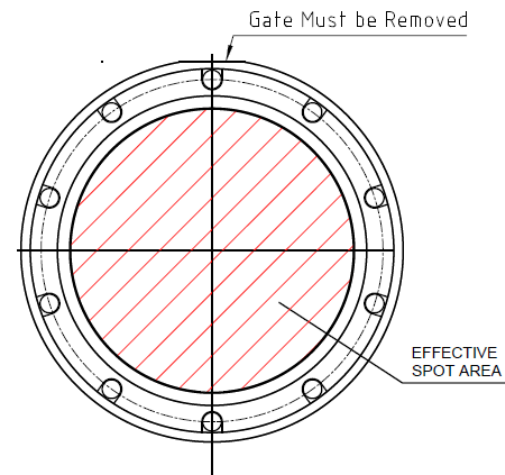
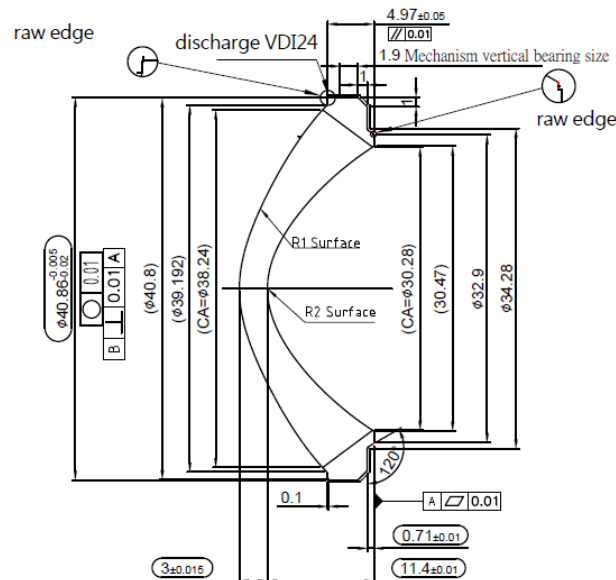
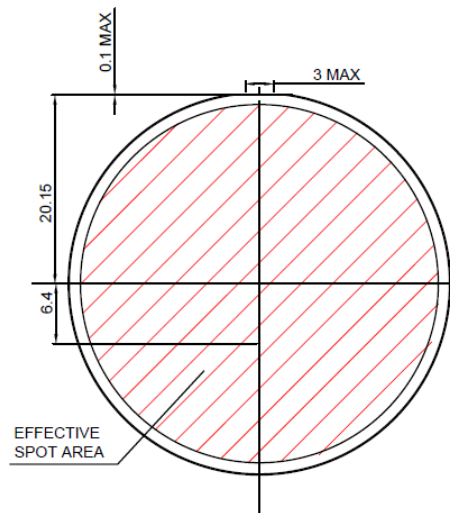




NOTES:

- MATERIAL: 480R
Nd : 1.525120 ± 0.0005
Vd : 56.281563 ± 0.8%
- INTERPRET OPTICAL TOLERANCES PER ISO 10110
- Coat R1 & R2 surface as follows :
Rabs < 0.9% AT 440nm-490nm
Rabs < 0.7% AT 490nm-700nm
Rabs < 2.0% AT 700nm-750nm
450nm T > 97%
550nm T > 98%
630nm T > 98%
- Coatings test methods follow ISO 9211-4
Abrasion : degree of severity 01 x 1
Adhesion : degree of severity 03 x 3
- SURFACE QUALITY: 60-40, SCRATCH AND DIG PER MIL-PRF-13830B
- Coating area no film shortage
- The main inspection dimension

8. ASPHERICAL COEFFICIENT

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

ASPHERICAL DATA		
	R1	R2
R	14.04738894	8.78300515
K	-2.22419821	-1.48801255
A	-3.14981735E-05	-6.02576236E-06
B	1.19693070E-07	1.79878933E-07
C	-5.14774459E-11	-1.05409470E-09
D	-4.54118483E-13	9.28003111E-12
E	9.20786172E-16	-4.11997995E-14
F	-3.69649228E-19	6.75081835E-17
G	--	--

Sag(mm)	
	R1
0	0
4	0.5485
8	1.9891
12	3.9762
16	6.4416
19.15	8.9253

Sag(mm)	
	R2
0	0
3	0.5049
6	1.9437
9	4.1689
12	7.1348
15.15	11.2699

9. SURFACE ACCURACY

Item		R1	R2
Design R	PV	<6um	<6um
	ΔPV	<2um	
	Profile	U non-bendable	N non-bendable
Best Fit R	PV	<2um	<2um
	ΔPV	<0.6um	
	Profile	W bend once	M bend once
AS		<1um	<1um
Roughness		<10nm	<10nm
Surface Decenter		< 5um	
Surface Tilt		< 60"	
Decenter & Tilt		< 60"(A,B)	--

Material:		Surface Finish:			TITLE: 40.86mm Dia., 3mm Thk. Plastic Lens			
See note		See Note						
Scale:	Unit:	Size:	Sheet:					
free	mm	A4	1/1	Stock No.	1H012	Rev.	01	

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SUN YANG OPTICS