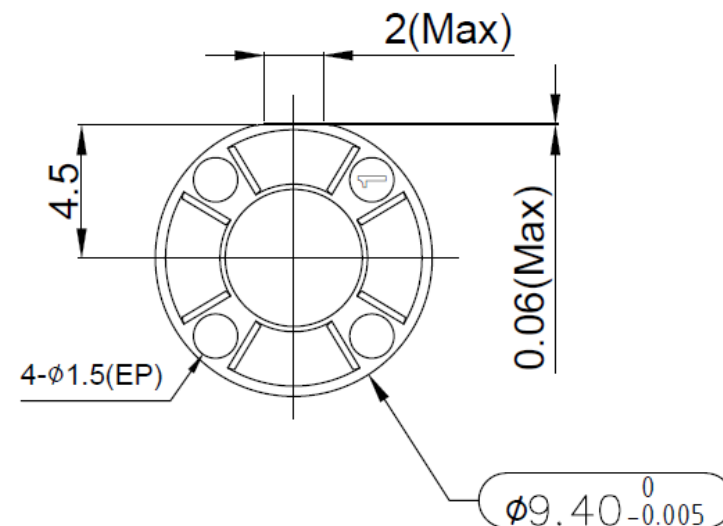
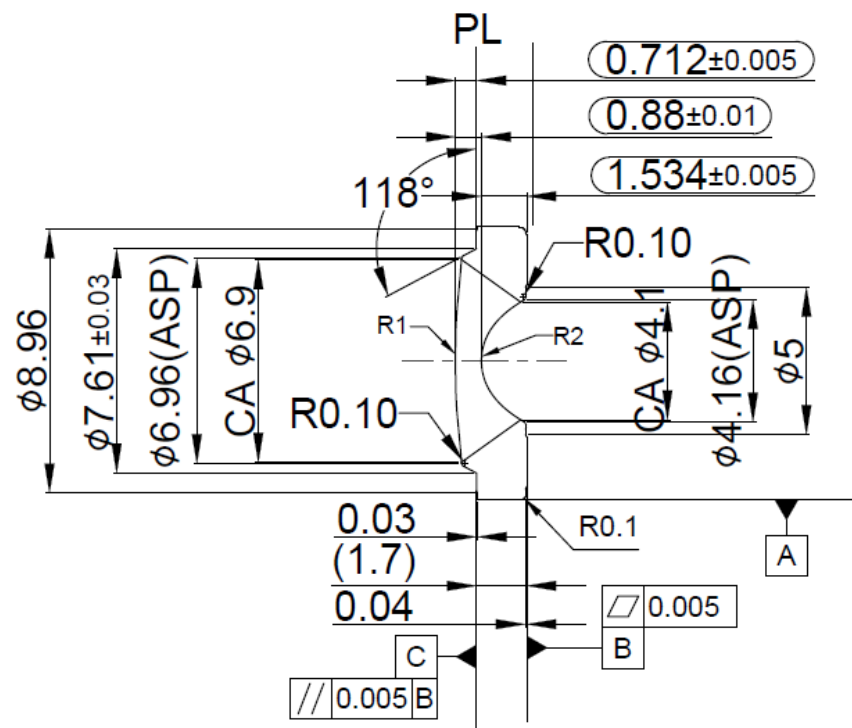




NOTES:

- MATERIAL: APEL-5014CL
Nd: 1.5445±0.0005 ; Vd: 55.987±0.8%
- INTERPRET OPTICAL TOLERANCES PER ISO 10110
- COAT TWO SURFACES AS FOLLOWS:
Rabs<0.8% AT 450-650nm
Rabs<2% AT 830-960nm
- Coatings test methods follow ISO9211-4
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: R1 no film shortage ; R2>Ø4.16
- 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 coefficient		
	R1	R2
R	Infinity	2.007009
K	0.00000000	-0.579296
A	1.012521E-02	1.838451E-02
B	-2.210490E-03	2.557229E-04
C	2.701721E-04	-1.365725E-03
D	-2.024074E-05	3.856389E-04
E	8.572706E-07	-4.134023E-05
F	-1.569352E-08	1.045646E-06
G	0.00000000E-00	0.00000000E-00

9.SURFACE ACCURACY

Item	R1	R2
Accuracy (P-V)	<2um	<2um
Best Fitting (P-V)	<1um	<1um
AS	≤0.6um	≤0.6um
Roughness (Ra)	<10nm	<10nm
Profile	non-bendable	
Decenter (UA3P/QV)	2um	
Tilt (UA3P)	75"	
Decenter/Tilt (Trioptics)	< 3um	

Material:		Surface Finish:			TITLE: 9.4mm Dia., 0.88mm Thk. Plastic Lens			
See note		See Note						
Scale:	Unit:	Size:	Sheet:		Stock No.	1H002	Rev.	01
free	mm	A4	1/1					