NOTES:

1.0 MATERIAL
TYPE OKP4
Nd 1.607
Vd _
GRADE: __
HOMOGENEITY:

2.0 DECENTER AND TILT
2.1 X–Y DECENTER: ±0.0125mm
2.2 X–Y TILT: 0.05°
2.3

3.0 SURFACE QUALITY (SPEC'S APPLY WITHIN CA ONLY)

	S1	S2
3.1 POWER (FR@633nm)	4	3
3.2 IRREG (FR@633nm)	1	1
3.3 SYMMETRY (FR@633nm)	1	1
3.4 SCRATCH–DIG	60–40	60–40
3.5 GREY	NONE	NONE
3.6 STAIN	NONE	NONE

4.0 COATING	S1	S2
TYPE	NONE	BBAR
λPEAK OR RANGE		400–700nm
%R OR %T		$\leq .50\%_{AVE} \_ 1\%_{MAX}$
POLARIZATION		S AND P
INCIDENCE ANGLE		0°±20°
MIN COATING AP		CA

5.0 S1 SURFACE PROFILE:

MINIMUM CLEAR APERTURE = ø8.800
SURFACE: CC
R = RADIUS = 28.75000

6.0 S2 ASPHERE SURFACE PROFILE:

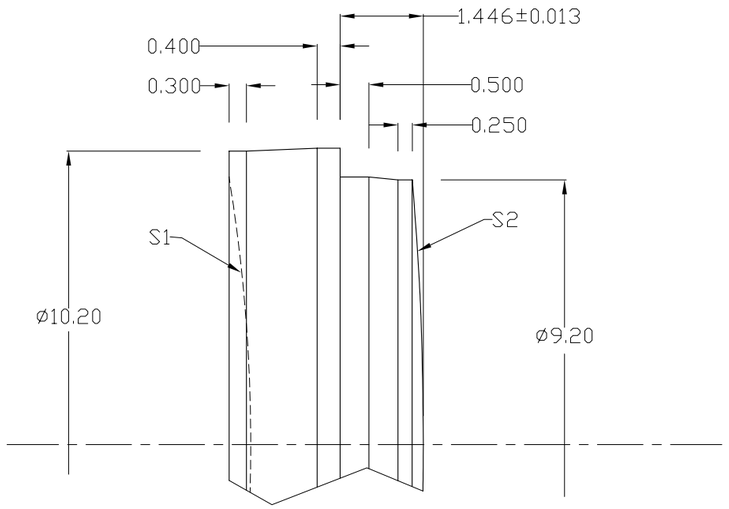
$$Z(H)= \frac{C * H^2}{1+\sqrt{1-(1+K) * C^2 * H^2}} + A_4 H^4 + A_6 H^6 + \ldots$$

WHERE $H^2 = X^2 + Y^2$

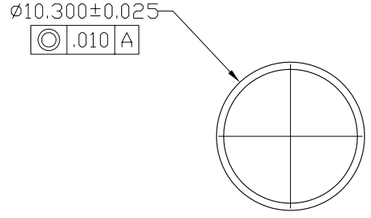
MINIMUM CLEAR APERTURE = ø8.800
SURFACE: CX
R = RADIUS = 58.36747
C = 1/R =0.0171328
K = 0.0
A_2 = 0.0
A_4 = −4.8981139E−6
A_6 = −1.3208989E−6
A_8 = 2.3762323E−8
A_{10} = 0.0

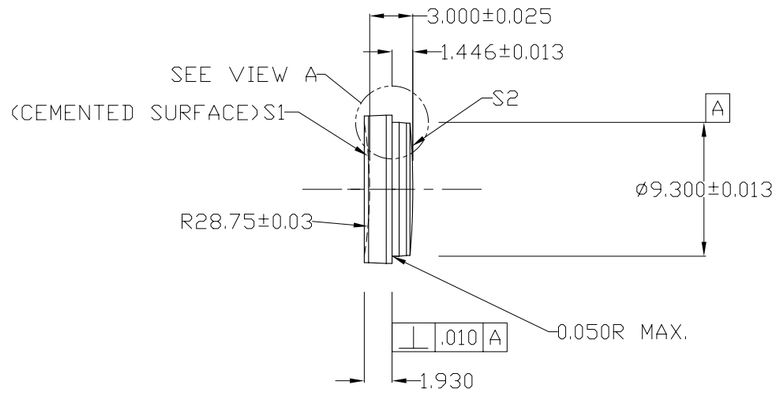
7.0 MOLDING:
7.1 NO VISIBLE FLOW LINES @ 5X MAGNIFICATION
7.2 NO BURRS OR DEGATING MARKS.
7.3 NO SMOKE VISIBLE @ 1X .

8.0 SEE SOLID MODEL (AW10–R3–L2M) FOR GATE DETAILS



VIEW A
4X SCALE





PART OF A CEMENTED DOUBLET PAIRED WITH L1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	CHGD. DETAILS IN VIEW A CHGD. S1 R FM 28.91728	5-15-12	

NEXT ASSY	MATERIAL:	UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM .X ±.5 .XX ±.25 .XXX ±.100 ANGLES ± 1° SURF ROUGHNESS ✓ ~~EDGE BREAKS .25 X 45°~~ CHAMFER THREADS 45° TO ROOT DIAMETER	DRAWN BY J.M.SHAW DATE 3-22-12 CHECKED DATE APPROVED P. McLAUGHLIN DATE 5-22-12 SCALE NONE SHEET No. OF	RPC PHOTONICS 330 Clay Road, Rochester, NY 14623 (voice) 585/272–2840 (fax) 585/272–2845 PRODUCT NAME – PART NAME AW10–R3–L2–MOLD DWG SIZE B PART NO. REV 1
	FINISH:			
THIRD ANGLE PROJECTION				