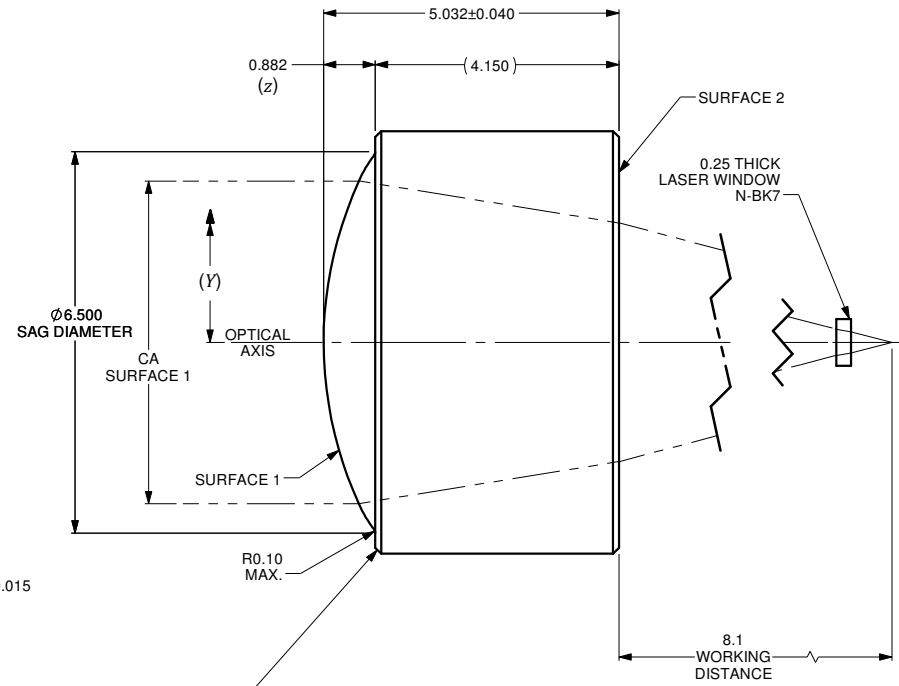
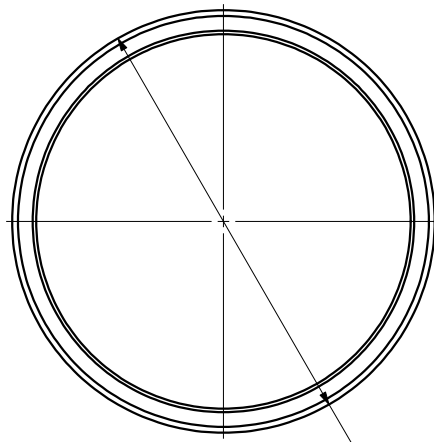


$$z = \frac{Y^2}{R \left(1 + \sqrt{1 - (1+k) \frac{Y^2}{R^2}} \right)} + A_4 Y^4 + A_6 Y^6 + \dots + A_n Y^n$$

	SURFACE 1	SURFACE 2
SURFACE TYPE	ASPHERIC	PLANO
CLEAR APERTURE (CA)	ø5.50mm	ø4.08mm MIN.
RADIUS OF CURVATURE	6.42215mm	INF.
k	-0.72454	0
A_4	8.63592E-5	0
A_6	4.19351E-7	0
A_8	0	0
A_{10}	0	0
A_{12}	0	0
A_{14}	0	0

VARIABLES	
z	SURFACE PROFILE
Y	DISTANCE FROM OPTICAL AXIS
R	RADIUS OF CURVATURE
k	CONIC CONSTANT
A_4	4th ORDER ASPHERIC COEFFICIENT
A_6	6th ORDER ASPHERIC COEFFICIENT
A_n	nth ORDER ASPHERIC COEFFICIENT



CORNERS ARE NOT SHARP
CHAMFER REPRESENTATIVE ONLY

NUMERICAL APERTURE	0.25
EFFECTIVE FOCAL LENGTH	11.2mm

NOTES :

- MATERIAL: D-ZK3
- WAVEFRONT ABERRATION (RMS): <math> < 0.05\lambda @ 632.8\text{nm}</math>
- AR COATING: 1000-1650nm
REFLECTIVITY R_{max} <math> < 1.00\%</math>

ALL DIMENSIONS ARE IN MILLIMETERS		A	N/A	ORIGINAL ISSUE	C.M.	17-SEP-2019	
DRAWN BY: P. SUMMERS	DATE: 9/17/2019	REV.	ECR REF#	DESCRIPTION	ENG. BY	DATE	
CHECKED BY:	DATE:	UNLESS NOTED OTHERWISE, DIMENSIONS ARE IN MILLIMETERS. INCHES ARE IN SQUARE BRACKETS, AND TOLERANCES APPLY AS SHOWN BELOW.				PART BARCODE #: 565	
M/S CHECKED BY:	DATE:	INCHES				219 WESTBROOK ROAD OTTAWA, ONTARIO CANADA K0A 1L0	
AP/VD BY:	DATE:	MILLIMETERS				www.ozoptics.com	
PROJECTION:		DESC: ASPHERIC LENS f=11mm, OD=7.2mm. AR COATED FOR 1000-1650nm				PART NO.:	
CONFIDENTIAL THIS PRINT IS THE EXCLUSIVE PROPERTY OF OZ OPTICS AND MUST BE RETURNED UPON REQUEST. UNAUTHORIZED USE, MANUFACTURE OR REPRODUCTION IN WHOLE OR IN PART IS PROHIBITED.		ANGULAR DIMENSIONS				AS-F11-D7.2-1000/1650	
		SURFACE FINISH				SCALE: 12:1	
		MILLED 125u				DWG.# 4000-0230	
		PROFILED 63u				SHEET 1 OF 1	
		SIZE: B				REV: A	