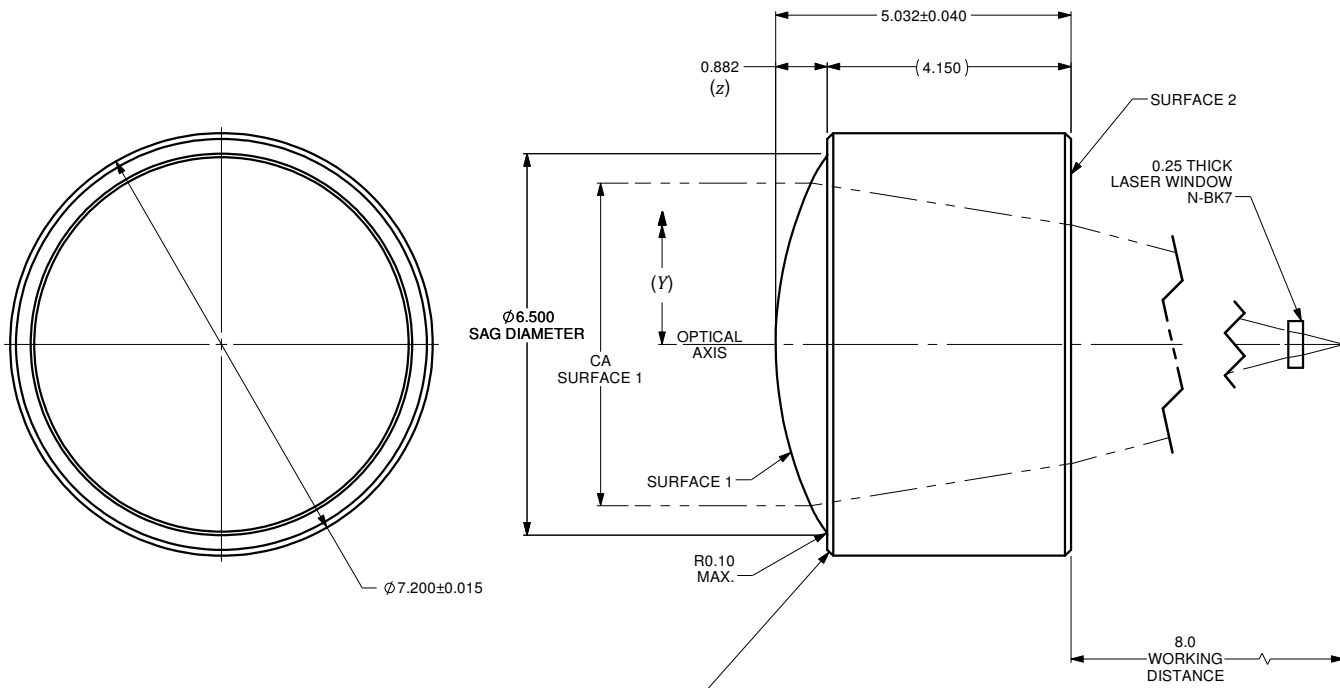


$$z = \frac{Y^2}{R \left( 1 + \sqrt{1 - (1+k) \frac{Y^2}{R^2}} \right)} + A_4 Y^4 + A_6 Y^6 + \dots + A_n Y^n$$

	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	11.0mm

**NOTES :**

- MATERIAL: D-ZK3
- WAVEFRONT ABERRATION (RMS): <math> < 0.05\lambda @ 632.8\text{nm}</math>
- AR COATING: 600-1050 nm  
REFLECTIVITY R<sub>max</sub> <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 #: <b>562</b>	
M/S CHECKED BY:	DATE:	INCHES				219 WESTBROOK ROAD OTTAWA, ONTARIO CANADA K6A 1L0	
AP/VD BY:	DATE:	MILLIMETERS				www.ozoptics.com	
PROJECTION:		ANGULAR DIMENSIONS				ASPHERIC LENS f=11mm, OD=7.2mm. AR COATED FOR 600-1050nm	
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.		PART NO.				AS-F11-D7.2-600/1050	
SURFACE FINISH		MILLED	PROFILED	SIZE: <b>B</b>	DWG.#	4000-0229	
		125μ	63μ		SHEET 1 OF 1	SCALE: 12:1	