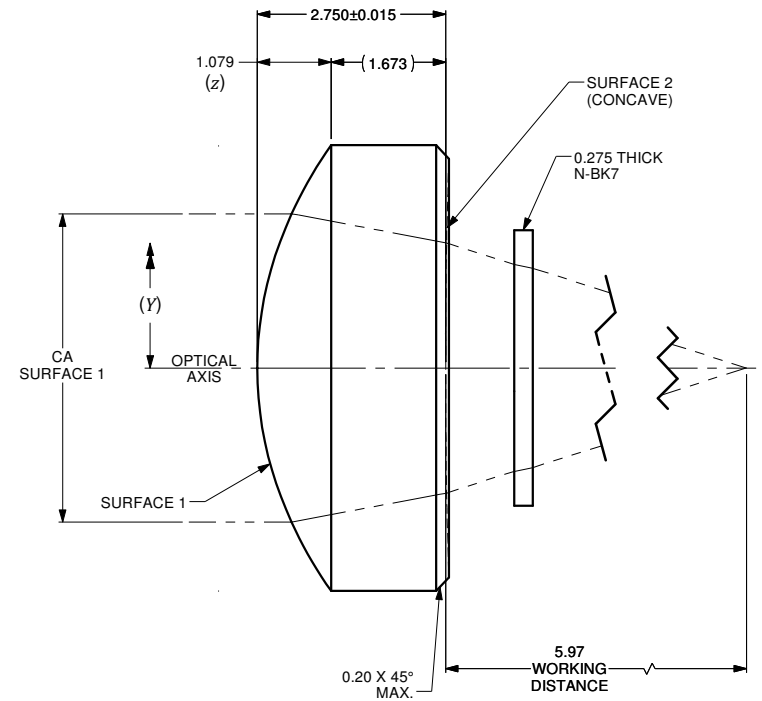
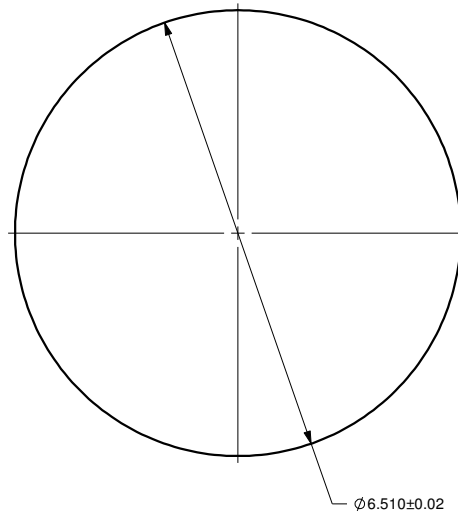


$$z = \frac{Y^2}{R \left(1 + \sqrt{1 - (1+k) \frac{Y^2}{R^2}} \right)} + A_4 Y^4 + A_6 Y^6 + \dots + A_n Y^n$$

	SURFACE 1	SURFACE 2
SURFACE TYPE	ASPHERIC	CONCAVE
CLEAR APERTURE (CA)	ø4.40mm	ø4.00mm MIN.
RADIUS OF CURVATURE	5.15250	94.72300
k	0	0
A_4	-5.06996E-004	0
A_6	-1.01365E-005	0
A_8	-8.52327E-007	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



NUMERICAL APERTURE	0.30
EFFECTIVE FOCAL LENGTH	7.6mm

NOTES :

- MATERIAL: H-LAK54
- WAVEFRONT ABERRATION (RMS): <0.08λ @ 632.8nm
- AR COATING: 1000-1650 nm
REFLECTIVITY R_{max} <1.00%

A		N/A	ORIGINAL ISSUE	C.M.	10-SEP-2019
DRAWN BY: P. SUMMERS		DATE: 9/10/2019	UNLESS NOTED OTHERWISE, DIMENSIONS ARE IN MILLIMETERS. INCHES ARE IN SQUARE BRACKETS AND TOLERANCES APPLY AS SHOWN BELOW.	ENG. BY	DATE
CHECKED BY:		DATE:	INCHES	PART BARCODE #: 10695	
M/S CHECKED BY:		DATE:	BASIC DIMENSION	219 WESTBROOK ROAD OTTAWA, ONTARIO CANADA K6A 1L0	
AP/VD BY:		DATE:	MILLIMETERS	www.ozoptics.com	
PROJECTION:			ANGULAR DIMENSIONS	ASPHERIC LENS	
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.				f=7.5mm, OD=6.5mm. AR COATED FOR 1000-1650nm	
				AS-F7.5-D6.5-1000/1650	
				PART NO. 4000-0224	
				REV A	
				SIZE: B DWG.# 4000-0224 SHEET 1 OF 1 SCALE: 14:1	