	SURFACE 1	SURFACE 2		
SURFACE TYPE	ASPHERIC	PLANO		
CLEAR APERTURE (CA)	ø8.00mm	ø6.94mm MIN.		
RADIUS OF CURVATURE	4.63478mm	INF.		
k	-0.92308	0		
A_4	4.77359E-004	0		
A_6	4.00285E-006	0		
$A_{_B}$	3.57382E-008	0		
A ₁₀	-7.56948E-010	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					

\$\phi_{9.936\to 0.015}\$	2.094 (z) (y) OPTICAL AXIS SURFACE 1 SURFACE 1 CORNERS ARE NOT SHARP CHAMFER REPRESENTATIVE ONLY	SURFACE 2 0.25 THICK LASER WINDOW N-BK7 5.92 WORKING DISTANCE
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NUMERICAL APERTURE	0.5
EFFECTIVE FOCAL LENGTH	8.0mm

560

⋖

4000-0226

NOTES:

- 1) MATERIAL: D-ZK3
- 2) WAVEFRONT ABERRATION (RMS): <0.08λ @ 632.8nm
- 3) AR COATING: 600-1050 nm

REFLECTIVITY R $_{\rm max}$ <1.00%

		A N/A PRIGINAL ISSUE			C.M.	27-SEP-2019			
ALL DIMENSIONS ARE IN MILLIMETERS		REV.	ECR REF#	DESCRIPTION				ENG. BY	DATE
P. SUMMERS	9/27/2019	UNLESS NOTED OTHERWISE DIMENSIONS ARE IN MILLIMETERS, NICHES ARE IN SQUARE BRACKETS, AND TOLERNICES OPTIMAL ONTARIO			219 WESTBROOK ROAD OTTAWA, ONTARIO	PART BARCODE #.			
CHECKED BY:	DATE:	BASIC		IMAL PLACES		OF OFFICE OF OFFICE OF OFFICE OF OFFICE OF OFFICE OF OFFICE OFFICE OF OFFICE OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF		60	
M/S CHECKED BY:	DATE:	DIMENSION BELOW 4 OVER 4	#.01 #.02 MILLIMETER	2,005 ±.01	MAINTED	Work exentics com			.00
APVD BY:	DATE:	BASIC DIMENSION BELOW 101.6	DEC .X	IMAL PLACES	ASPHERIC LENS				
PROJECTION:	OVER 101.6	±.50 ±.50	±.10 ±.20	f=8mm, OD=9.94mm. 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		BASIC DIMENSION ALL ANGLES	X ±2.5	X.X ±0.5	PART NO.	AS-F8-D9.94-6	600/1050		A
		SURFACE	MILL	ED PROFILED	SIZE: D	DWG.# 4000-0226	SHEET 1 OF 1	SCALE:	10:1
		FINISH	1251	63u	B	4000-0226	SHEELLOFI		10:1

3.434±0.04 →