NOTES: UNLESS OTHERWISE SPECIFIED

1. -OA2- IS THE THEORETICAL OPTIC AXIS OF THE SECOND OPTIC SURFACE.

2. ASPHERIC SURFACES ARE DEFINED BY:

$$z(r) = \frac{r^2/R_c}{1+\sqrt{1-(1+K)(r/R_c)^2}} + \sum_i A_{2i} r^{2i}$$

WHERE: Y= RADIAL DISTANCE FROM VERTEX IN mm

3. SURFACE DEFINITIONS:

	SURFACE 1	SURFACE 2
TYPE	PLANO	ASPHERE
SHAPE	PL	CX
CA	Ø0.37	Ø0.53
R_C	PLANO	-0.302875
K	0.000000	-0.620894
A_2	0.000000E0	0.000000E0
A_4	0.000000E0	5.062908E-1
A_6	0.000000E0	2.490958E0
A_8	0.000000E0	9.799836E0
A_{10}	0.000000E0	8.497688E1
A_{12}	0.000000E0	0.000000E0
A_{14}	0.000000E0	0.000000E0
A_{16}	0.000000E0	0.000000E0

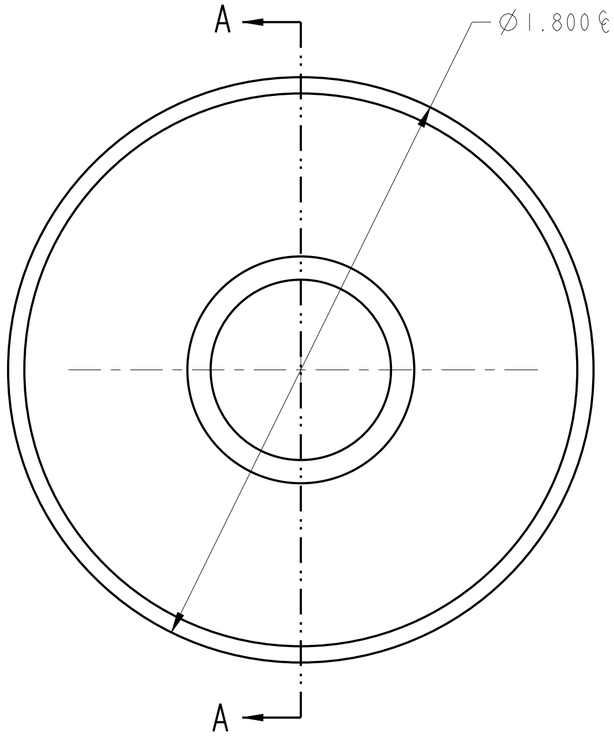
4. NOMINAL DESIGN PARAMETERS.

DESIGN WAVELENGTH	1310 nm
W.D.	0.3/1.9 mm
N.A.	0.6/0.1
E.F.L.	0.4mm

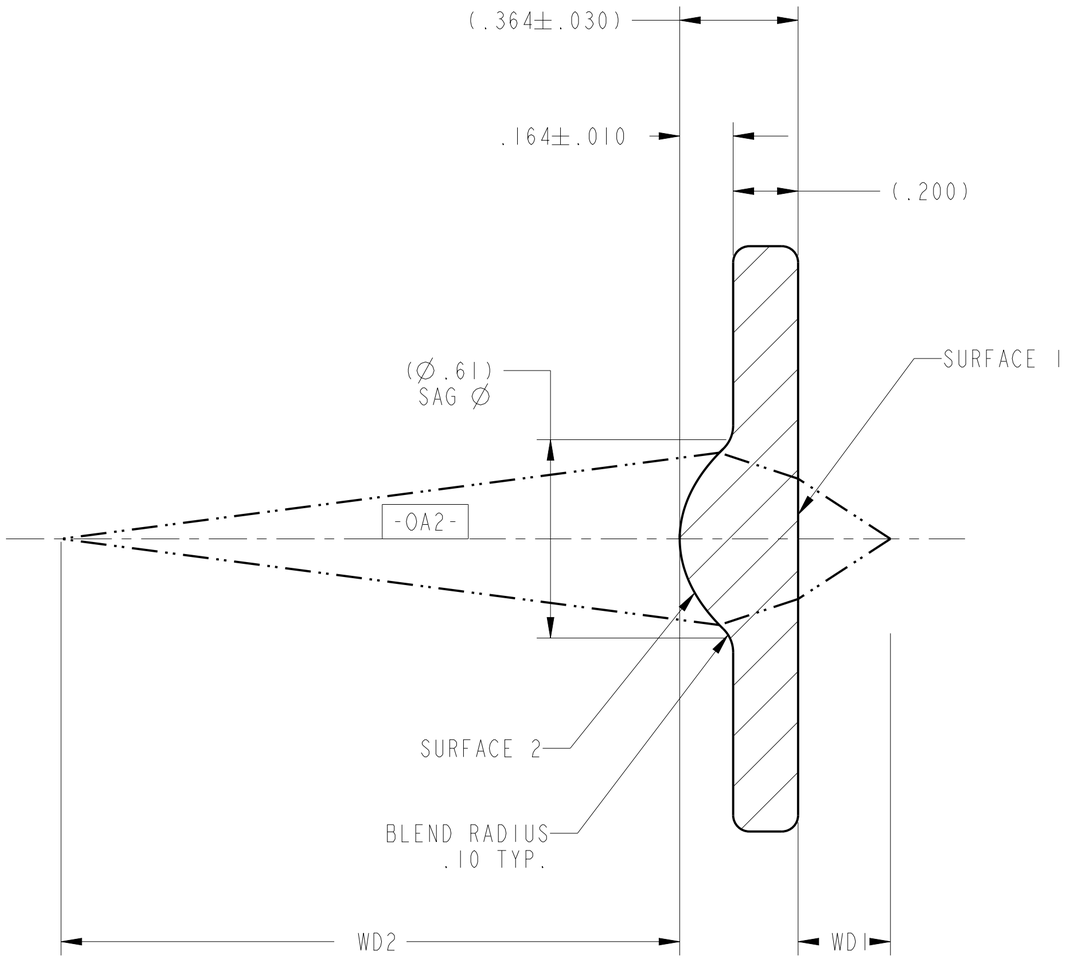
5. FEATURES IDENTIFIED AS ℄ ARE CRITICAL CHARACTERISTICS. CRITICAL CHARACTERISTICS ARE GUARANTEED IN PRODUCTION.

6. THIS ELEMENT MUST MEET THE SCRATCH/DIG REQUIREMENTS ACROSS THE FULL CLEAR APERTURES INDICATED, BOTH SIDES, PER LIGHTPATH PWI INS-8.2-05P6.℄
-00: S/D: 40/20

7. THIS ELEMENT IS USED AS A COUPLING LENS.
WAVEFRONT ERROR: @ 100% APERTURE < 0.080 WAVES RMS @ 632.8nm;
PER LIGHTPATH PWI INS-8.2-13℄



REVISION HISTORY				
REV	DCO	DESCRIPTION	DATE	INITIALS
A	2383	INITIAL RELEASE	05/28/10	BAUZ
B	4387	UPDATED FORMAT	12/28/15	PL
B1		SAGØ WAS Ø.55, SAG DEPTH WAS .132, EDGE THICK WAS .232,BLEND RAD WAS .03	2/23/17	EF
C	5934	CHANGED DWG FROM DICED TO UNDICED	9/09/19	MPW



SECTION A-A

RoHS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM.
DECIMAL TOLERANCES ARE:
.X ± 0.25
.XX ± 0.10
.XXX ± 0.025
.XXXX ± 0.013
ANGLES: ± 0.5°

DRAWN: BAUZ\ORL

MATERIAL: D-ZLAF52LA

SOFTWARE: Pro/ENGINEER

LightPath TECHNOLOGIES
2603 CHALLENGER TECH CT. SUITE 100
ORLANDO, FL 32826

TITLE: LENS CODE 355631

SIZE: A2 | DWG NO: 0355631 | REV: C

SCALE: 75.00 | THIRD ANGLE PROJECTION | SHEET 1 OF 1

REV C
SH 1
DWG NO 0355631