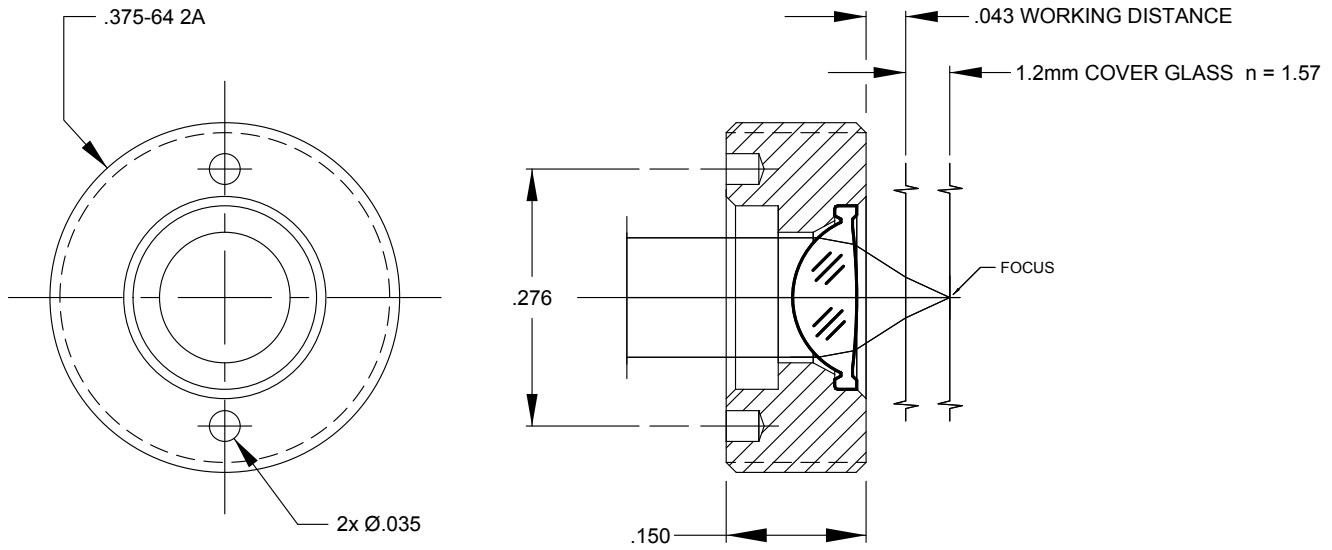


REV
-
SHT
1
303-0330-780
DWG NO.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SCHEMATIC DIAGRAM:

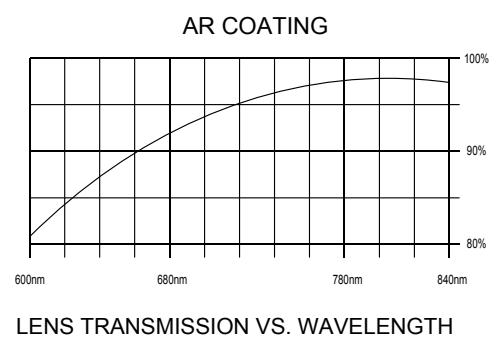
NOTE: MECHANICAL DIMENSIONS ARE IN INCHES



SPECIFICATIONS:

DESCRIPTION: OBJECTIVE LENS, PLASTIC ASPHERIC
NOTE: SPECIFICATIONS ARE IN MILLIMETERS

1. DESIGN WAVELENGTH: 785nm
2. FOCAL LENGTH: 3.07mm
3. NUMERICAL APERTURE: 0.53
4. CLEAR APERTURE: 3.254mm
5. F#: 0.943
6. WORKING DISTANCE: 1.09mm
7. IMAGE/OBJECT DISTANCE: INFINITE
8. TRANSMISSION: >95%
9. COVER GLASS THICKNESS: 1.2mm
10. COVER GLASS REFRACTIVE INDEX: 1.57
11. WEIGHT: <0.0326 grams
12. WORKING TEMPERATURE: -10°C TO +65°C
13. TYPICAL WAVEFRONT ABERRATION
ON AXIS: <0.026 RMS @ 0.075mm IMAGE HEIGHT
14. LENS HOLDER MATERIAL: ALUMINUM, BLACK ANODIZED



CLASSIFICATION PRODUCTION	
CONTRACT/FILENAME 3030330.DWG	
DRAWN BY RS	DATE 20JUL15
APPROVED BY	DATE
TOLERANCES (DIMENSIONS IN INCHES)	
X.X = ±0.05	
X.XX = ±0.01	
X.XXX = ±0.005	
X.XXXX = ±0.0005	
ANGLE ±0.5 DEGREES	

OPTIMA PRECISION INC.			
ASPHERIC PLASTIC OBJECTIVE LENS, MOUNTED			
A	FMSC NO	DRAWING NO 303-0330-780	REV --
SCALE 5x	20JUL15	SHEET 1 OF 1	