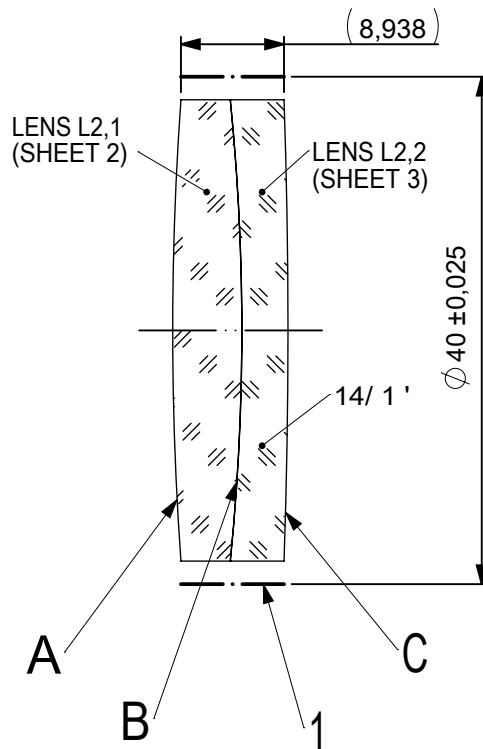
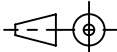
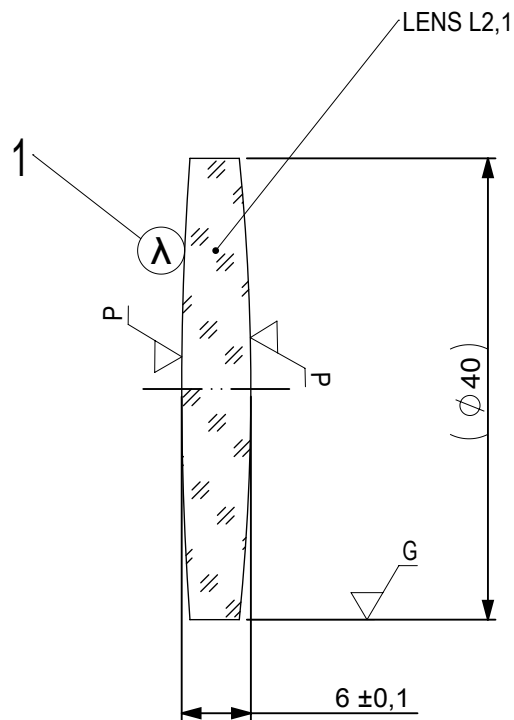




FOCAL LENGTH (EFL): 450 ± 4,5  
 BACK FOCAL LENGTH (BFL): 445,69

1 BLACKENED SURFACE

| SURFACE A                                                                             |                |             | SURFACE B                                                                           |                                                                                                               | SURFACE C |                 |
|---------------------------------------------------------------------------------------|----------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| Øe 39                                                                                 |                |             | Øe 39                                                                               |                                                                                                               | Øe 39     |                 |
|                                                                                       |                |             | CEMENT: NOA 61 OR EQUIVALENT                                                        |                                                                                                               |           |                 |
| PROTECTIVE CHAMFERS AS NEEDED                                                         |                |             | FIRST ANGLE<br>PROJECTION                                                           | <div> Edmund Optics®</div> |           |                 |
| ROHS:<br>COMPLIANT                                                                    | SCALE:<br>NONE | λ = 587,6nm |                                                                                     |                                                                                                               |           |                 |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |  | TITLE                                                                                                         |           |                 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                     | 40mm Dia, x 450mm FL, VIS-NIR, Inked,<br>Achromatic Lens                                                      |           |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN:                                                                     | mm                                                                                                            | DWG NO    | 49387INK        |
|                                                                                       |                |             | SHEET SIZE<br>A4                                                                    |                                                                                                               |           | SHEET<br>1 OF 3 |



- 1 AR COATING: VIS-NIR  
 $R(ABS) \leq 0,25\%$  AT 880nm @ 0° AOI  
 $R(AVG) \leq 1,25\%$  FROM 400-870nm @ 0° AOI  
 $R(AVG) \leq 1,25\%$  FROM 890-1000nm @ 0° AOI

| LEFT SURFACE                                                                                     | MATERIAL            | RIGHT SURFACE                                                                                    |
|--------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------|
| R 279,6±0,28 CX<br>Øe 39<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-BK7 517/642 | R 199,51±0,2 CX<br>Øe 39<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

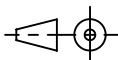
PROTECTIVE CHAMFERS AS NEEDED

ROHS:  
COMPLIANT

SCALE:  
NONE

λ = 587,6nm

FIRST ANGLE  
PROJECTION



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT  
NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY

FOR INFORMATION ONLY: DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

INDICATIONS IN ACCORDANCE WITH ISO 10110

ALL DIMS  
IN:

mm



Edmund Optics®

TITLE

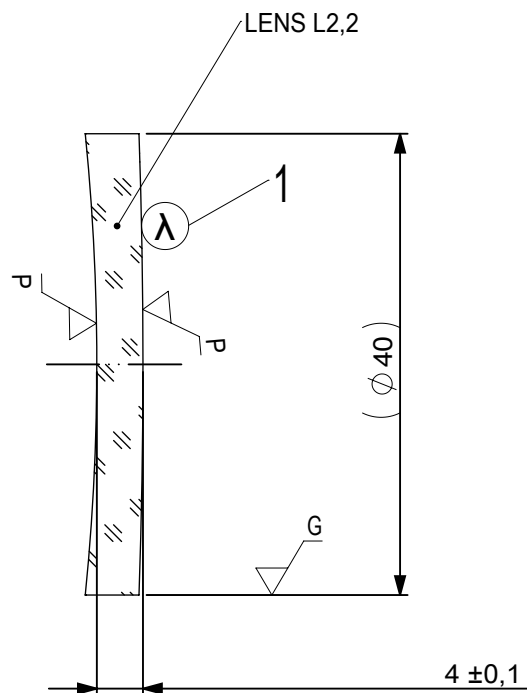
40mm Dia, x 450mm FL, VIS-NIR, Inked,  
Achromatic Lens

DWG NO

493871NK

SHEET SIZE  
A4

SHEET  
2 OF 3



- 1 AR COATING: VIS-NIR  
 $R(ABS) \leq 0,25\%$  AT 880nm @ 0° AOI  
 $R(AVG) \leq 1,25\%$  FROM 400-870nm @ 0° AOI  
 $R(AVG) \leq 1,25\%$  FROM 890-1000nm @ 0° AOI

| LEFT SURFACE                                                                                     | MATERIAL            | RIGHT SURFACE                                                                                      |
|--------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------|
| R 199,51±0,2 CV<br>Øe 39<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-SF5 673/322 | R 579,39±0,579 CX<br>Øe 39<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

PROTECTIVE CHAMFERS AS NEEDED

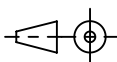
ROHS: COMPLIANT SCALE: NONE λ = 587,6nm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY

FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING

INDICATIONS IN ACCORDANCE WITH ISO 10110

FIRST ANGLE PROJECTION



ALL DIMS IN: mm



Edmund Optics®

TITLE

40mm Dia, x 450mm FL, VIS-NIR, Inked, Achromatic Lens

DWG NO

493871NK

SHEET SIZE  
A4

SHEET  
3 OF 3