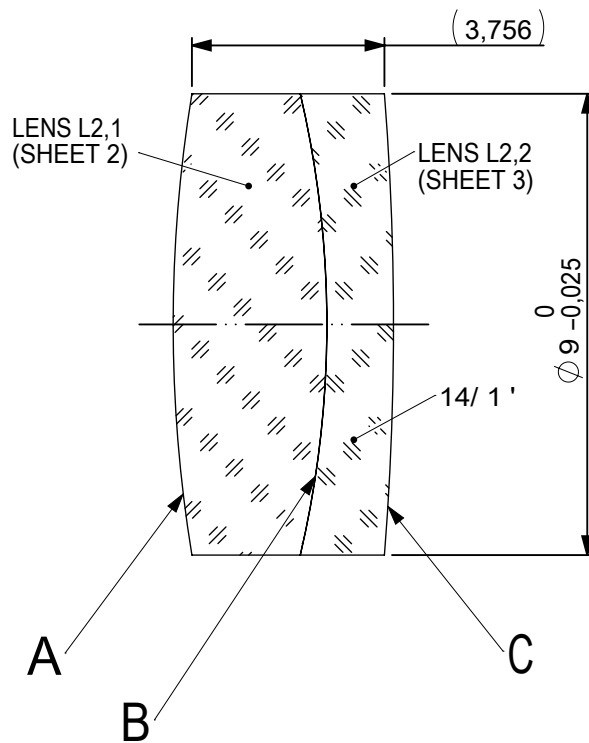
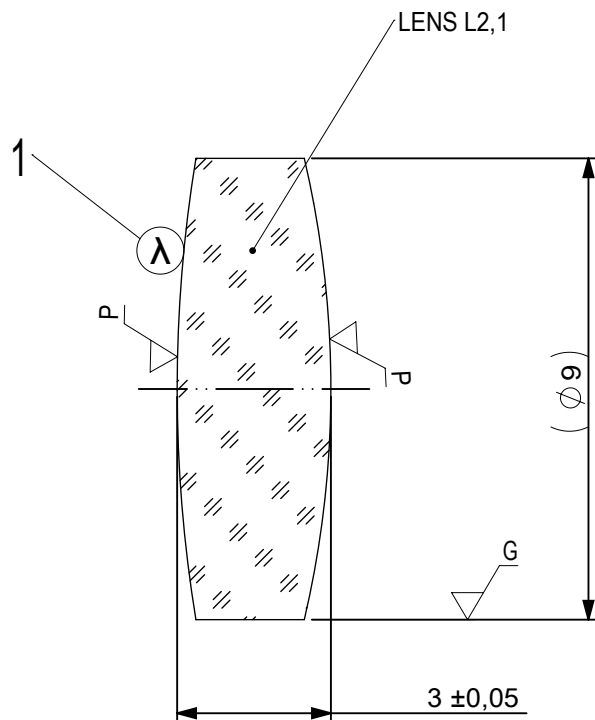




FOCAL LENGTH (EFL):  $45 \pm 0,45$   
 BACK FOCAL LENGTH (BFL):  $42,97$

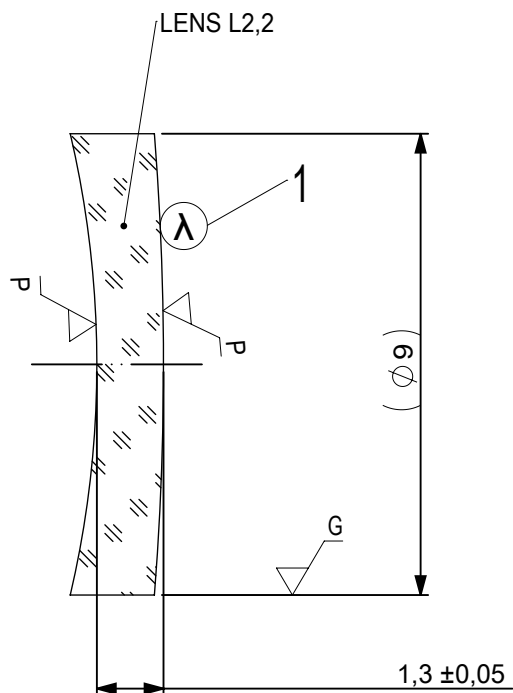
| SURFACE A                                                                          |                |             | SURFACE B                                                                                                        |                                                                                                    | SURFACE C                                           |       |                  |                 |
|------------------------------------------------------------------------------------|----------------|-------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------|------------------|-----------------|
| Øe 8,1                                                                             |                |             | Øe 8,1                                                                                                           |                                                                                                    | Øe 8,1                                              |       |                  |                 |
|                                                                                    |                |             | CEMENT: NOA 61 OR EQUIVALENT                                                                                     |                                                                                                    |                                                     |       |                  |                 |
| PROTECTIVE CHAMFERS AS NEEDED                                                      |                |             | FIRST ANGLE<br>PROJECTION<br> |  Edmund Optics® |                                                     |       |                  |                 |
| ROHS:<br>COMPLIANT                                                                 | SCALE:<br>NONE | λ = 587,6nm |                                                                                                                  |                                                                                                    |                                                     |       |                  |                 |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |                               | TITLE                                                                                              | 9mm Dia, x 45mm FL, VIS-NIR Coated, Achromatic Lens |       |                  |                 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |                                                                                                    |                                                     |       |                  |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                           |                |             | ALL DIMS<br>IN:                                                                                                  | mm                                                                                                 | DWG NO                                              | 49318 | 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 27,83±0,028 CX<br>Øe 8,1<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 19,75±0,02 CX<br>Øe 8,1<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

|                                                                                       |                |             |                                                                                                                  |  |                                                                                                    |  |                 |  |  |
|---------------------------------------------------------------------------------------|----------------|-------------|------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|-----------------|--|--|
| PROTECTIVE CHAMFERS AS NEEDED                                                         |                |             | FIRST ANGLE<br>PROJECTION<br> |  |  Edmund Optics® |  |                 |  |  |
| ROHS:<br>COMPLIANT                                                                    | SCALE:<br>NONE | λ = 587,6nm |                                                                                                                  |  | TITLE<br>9mm Dia, x 45mm FL, VIS-NIR Coated,<br>Achromatic Lens                                    |  |                 |  |  |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |                               |  |                                                                                                    |  |                 |  |  |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |  | ALL DIMS<br>IN: mm                                                                                 |  | DWG NO<br>49318 |  |  |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN: mm                                                                                               |  |                                                                                                    |  |                 |  |  |
|                                                                                       |                |             |                                                                                                                  |  | ALL DIMS<br>IN: mm                                                                                 |  | SHEET<br>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 19,75±0,02 CV<br>Øe 8,1<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 57,06±0,057 CX<br>Øe 8,1<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

PROTECTIVE CHAMFERS AS NEEDED

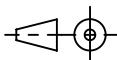
ROHS: COMPLIANT  
SCALE: NONE  
λ = 587,6nm

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

9mm Dia, x 45mm FL, VIS-NIR Coated, Achromatic Lens

DWG NO

49318

SHEET SIZE  
A4

SHEET  
3 OF 3