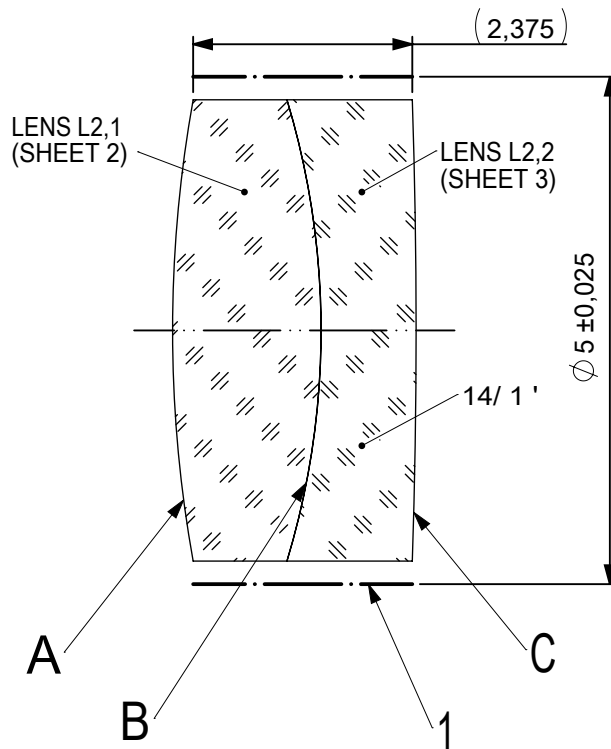
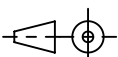
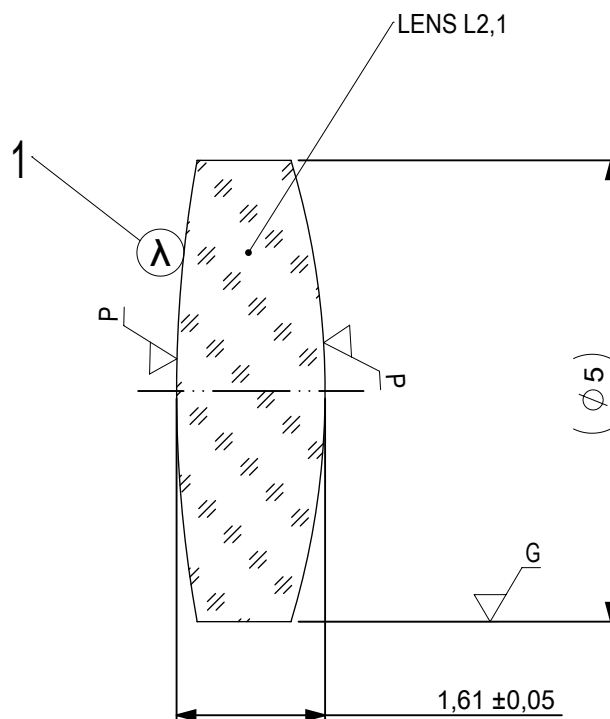




FOCAL LENGTH (EFL):  $20 \pm 0,2$   
 BACK FOCAL LENGTH (BFL): 18,6

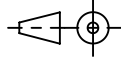
1 BLACKENED SURFACE

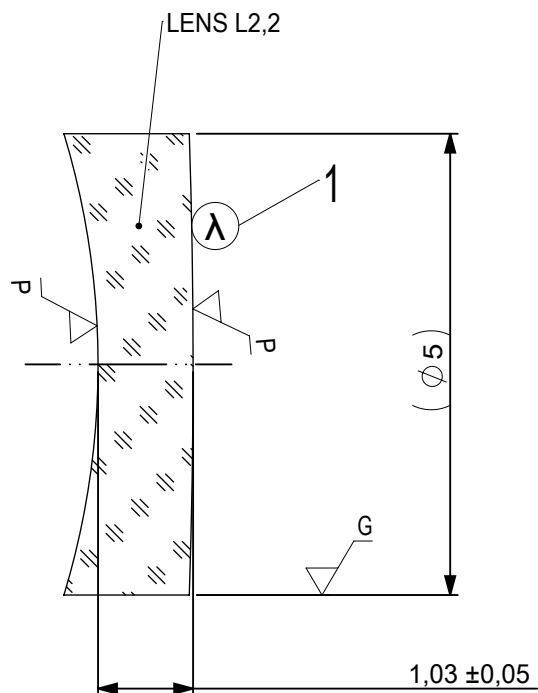
| SURFACE A                                                                             |                |             | SURFACE B                                                                           |                                                                                                               | SURFACE C |          |                  |                 |
|---------------------------------------------------------------------------------------|----------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|----------|------------------|-----------------|
| Øe 4,5                                                                                |                |             | Øe 4,5                                                                              |                                                                                                               | Øe 4,5    |          |                  |                 |
|                                                                                       |                |             | 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                     |                |             |                                                                                     | 5mm Dia, x 20mm FL, VIS 0, Inked,<br>Achromatic Lens                                                          |           |          |                  |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN:                                                                     | mm                                                                                                            | DWG NO    | 492781NK | SHEET SIZE<br>A4 | SHEET<br>1 OF 3 |



1 AR COATING: VIS 0°  
R(AVG) ≤ 0,4% FROM 425-675nm @ 0° AOI

| LEFT SURFACE                                                                                       | MATERIAL              | RIGHT SURFACE                                                                                     |
|----------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------|
| R 14,11±0,014 CX<br>Øe 4,5<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-BaF10 670/472 | R 8,63±0,009 CX<br>Øe 4,5<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><br>5mm Dia, x 20mm FL, VIS 0, Inked,<br>Achromatic Lens                                  |  |  |                        |  |                  |  |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             | ALL DIMS<br>IN: mm                                                                                               |  |                                                                                                    |  |  | DWG NO<br><br>49278INK |  | SHEET SIZE<br>A4 |  |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |  |                                                                                                    |  |  |                        |  |                  |  |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             |                                                                                                                  |  |                                                                                                    |  |  |                        |  |                  |  |



- 1 AR COATING: VIS 0°  
R(AVG) ≤ 0,4% FROM 425-675nm @ 0° AOI

| LEFT SURFACE                                                                                      | MATERIAL             | RIGHT SURFACE                                                                                      |
|---------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|
| R 8,63±0,009 CV<br>Øe 4,5<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - | GLASS N-SF10 728/284 | R 75,59±0,076 CX<br>Øe 4,5<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

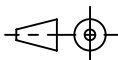
λ = 587,6nm

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

5mm Dia, x 20mm FL, VIS 0, Inked,  
Achromatic Lens

DWG NO

49278INK

SHEET SIZE  
A4

SHEET  
3 OF 3