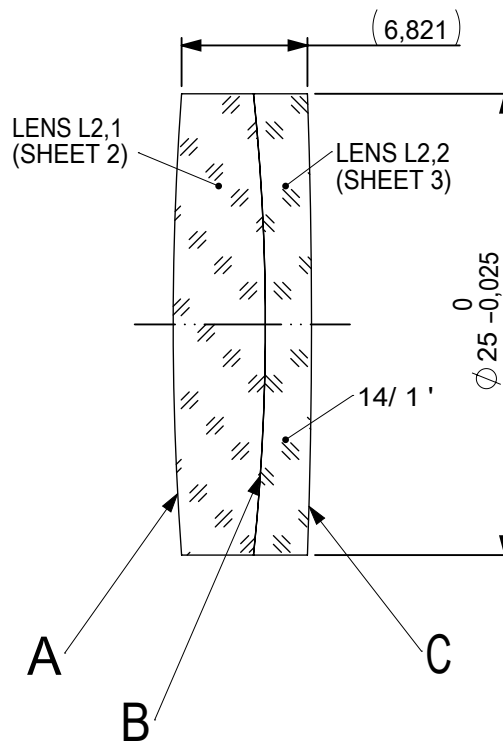
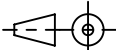
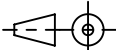
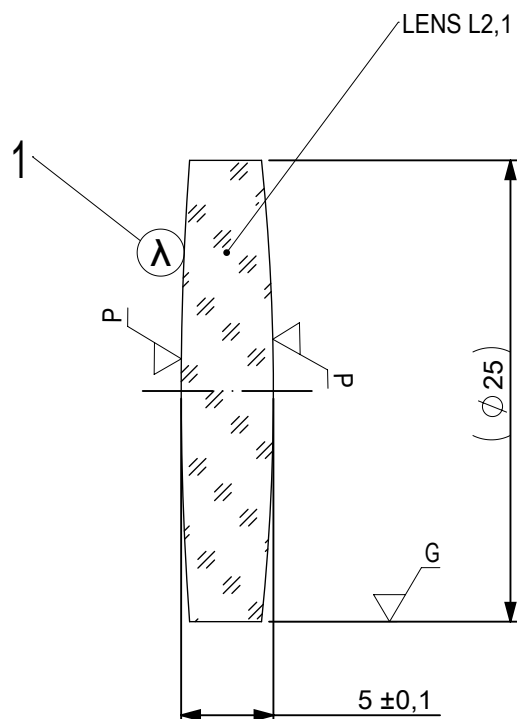




FOCAL LENGTH (EFL):  $275 \pm 2,75$   
 BACK FOCAL LENGTH (BFL):  $271,6$

| SURFACE A                                                                          |                |             | SURFACE B                                                                           |    | SURFACE C                                                                                                     |       |                  |
|------------------------------------------------------------------------------------|----------------|-------------|-------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------|-------|------------------|
| Øe 24                                                                              |                |             | Øe 24                                                                               |    | Øe 24                                                                                                         |       |                  |
|                                                                                    |                |             | CEMENT: NOA 61 OR EQUIVALENT                                                        |    |                                                                                                               |       |                  |
| PROTECTIVE CHAMFERS AS NEEDED                                                      |                |             | FIRST ANGLE PROJECTION                                                              |    | <div> Edmund Optics®</div> |       |                  |
| ROHS:<br>COMPLIANT                                                                 | SCALE:<br>NONE | λ = 587,6nm |  |    |                                                                                                               |       |                  |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |  |    | TITLE                                                                                                         |       |                  |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING                     |                |             |                                                                                     |    | 25mm Dia, x 275mm FL, MgF2 Coated, Achromatic Doublet Lens                                                    |       |                  |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                           |                |             | ALL DIMS IN:                                                                        | mm | DWG NO                                                                                                        | 45414 | SHEET SIZE<br>A4 |
|                                                                                    |                |             |                                                                                     |    | SHEET<br>1 OF 3                                                                                               |       |                  |



# 1 AR COATING:

$\frac{1}{4}$  WAVE MgF2 @ 550nm  
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

| LEFT SURFACE                                                                                       | MATERIAL            | RIGHT SURFACE                                                                                      |
|----------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------|
| R 171,03±0,171 CX<br>Øe 24<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 121,54±0,122 CX<br>Øe 24<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

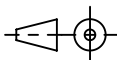
PROTECTIVE CHAMFERS AS NEEDED

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

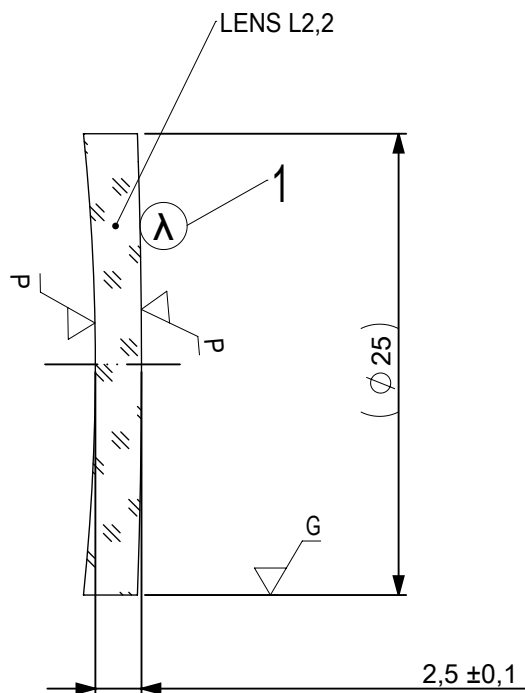
25mm Dia, x 275mm FL, MgF2 Coated,  
Achromatic Doublet Lens

DWG NO

45414

SHEET SIZE  
A4

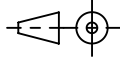
SHEET  
2 OF 3



# 1 AR COATING:

1/4 WAVE MgF2 @ 550nm  
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

| LEFT SURFACE                                                                                       | MATERIAL            | RIGHT SURFACE                                                                                      |
|----------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------|
| R 121,54±0,122 CV<br>Øe 24<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 352,46±0,352 CX<br>Øe 24<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                                                           |    |  Edmund Optics® |                                                               |                  |                 |
| ROHS:<br>COMPLIANT                                                                    | SCALE:<br>NONE | λ = 587.6nm |                                                                                     |    |                                                                                                    |                                                               |                  |                 |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |  |    | TITLE                                                                                              | 25mm Dia, x 275mm FL, MgF2 Coated,<br>Achromatic Doublet Lens |                  |                 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                     |    | DWG NO                                                                                             | 45414                                                         | SHEET SIZE<br>A4 | SHEET<br>3 OF 3 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN:                                                                     | mm |                                                                                                    |                                                               |                  |                 |