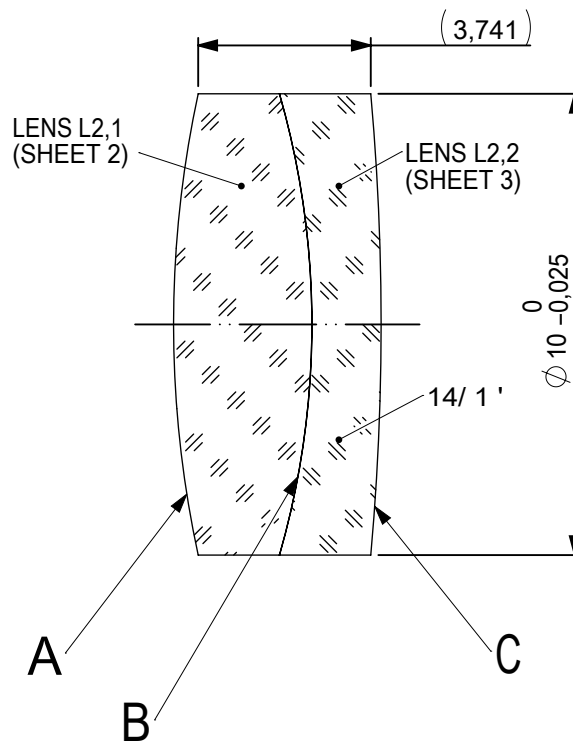
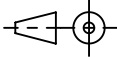
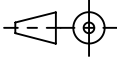
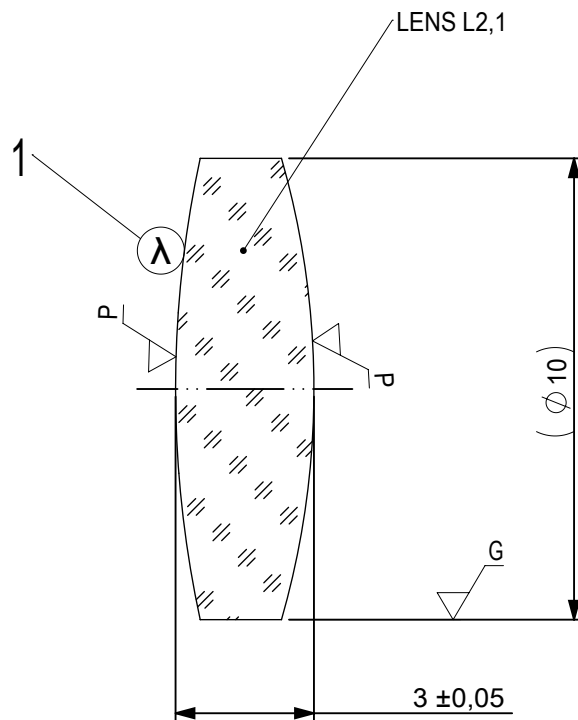




FOCAL LENGTH (EFL):  $40 \pm 0,4$   
 BACK FOCAL LENGTH (BFL):  $37,79$

| SURFACE A                                                                          |                |             | SURFACE B                                                                                                        |                                                                                                           | SURFACE C                                                    |       |                  |                 |
|------------------------------------------------------------------------------------|----------------|-------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------|------------------|-----------------|
| Øe 9                                                                               |                |             | Øe 9                                                                                                             |                                                                                                           | Øe 9                                                         |       |                  |                 |
|                                                                                    |                |             | CEMENT: NOA 61 OR EQUIVALENT                                                                                     |                                                                                                           |                                                              |       |                  |                 |
| PROTECTIVE CHAMFERS AS NEEDED                                                      |                |             | FIRST ANGLE<br>PROJECTION<br> |  <b>Edmund Optics®</b> |                                                              |       |                  |                 |
| ROHS:<br>COMPLIANT                                                                 | SCALE:<br>NONE | λ = 587,6nm |                                                                                                                  |                                                                                                           |                                                              |       |                  |                 |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             |                               | TITLE                                                                                                     | 10mm Dia, x 40mm FL, MgF2 Coated,<br>Achromatic Doublet Lens |       |                  |                 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |                                                                                                           |                                                              |       |                  |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                           |                |             | ALL DIMS<br>IN:                                                                                                  | mm                                                                                                        | DWG NO                                                       | 63697 | SHEET SIZE<br>A4 | SHEET<br>1 OF 3 |

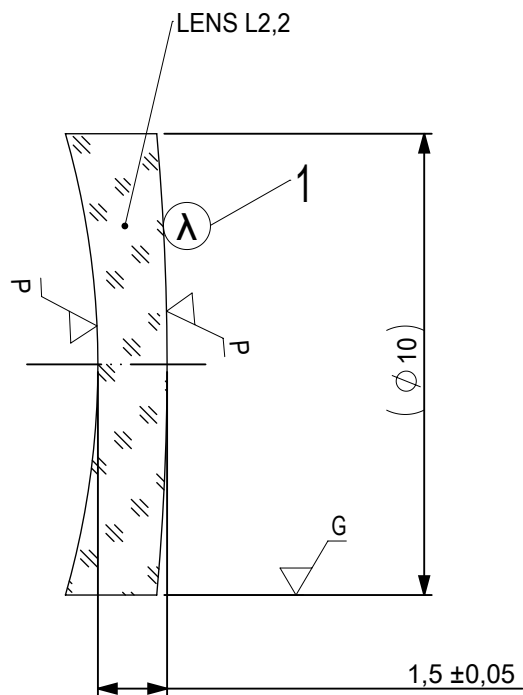


# 1 AR COATING:

¼ WAVE MgF2 @ 550nm  
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

| LEFT SURFACE                                                                                     | MATERIAL            | RIGHT SURFACE                                                                                    |
|--------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------|
| R 23,66±0,024 CX<br>Øe 9<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 18,11±0,018 CX<br>Øe 9<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>10mm Dia, x 40mm FL, MgF2 Coated,<br>Achromatic Doublet Lens                          |  |  |                     |  |                  |
| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT<br>NOTICE. DIMENSIONS ARE FOR REFERENCE ONLY |                |             | ALL DIMS<br>IN: mm                                                                                               |  |                                                                                                    |  |  | DWG NO<br><br>63697 |  | SHEET SIZE<br>A4 |
| FOR INFORMATION ONLY: DO NOT MANUFACTURE<br>PARTS TO THIS DRAWING                     |                |             |                                                                                                                  |  |                                                                                                    |  |  |                     |  |                  |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             |                                                                                                                  |  |                                                                                                    |  |  |                     |  |                  |



# 1 AR COATING:

¼ WAVE MgF2 @ 550nm  
R(AVG) < 1,75% FROM 400-700nm (N-BK7)

| LEFT SURFACE                                                                                     | MATERIAL            | RIGHT SURFACE                                                                                    |
|--------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------|
| R 18,11±0,018 CV<br>Øe 9<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 55,78±0,056 CX<br>Øe 9<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

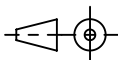
PROTECTIVE CHAMFERS AS NEEDED

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

10mm Dia, x 40mm FL, MgF2 Coated,  
Achromatic Doublet Lens

DWG NO

63697

SHEET SIZE  
A4

SHEET  
3 OF 3