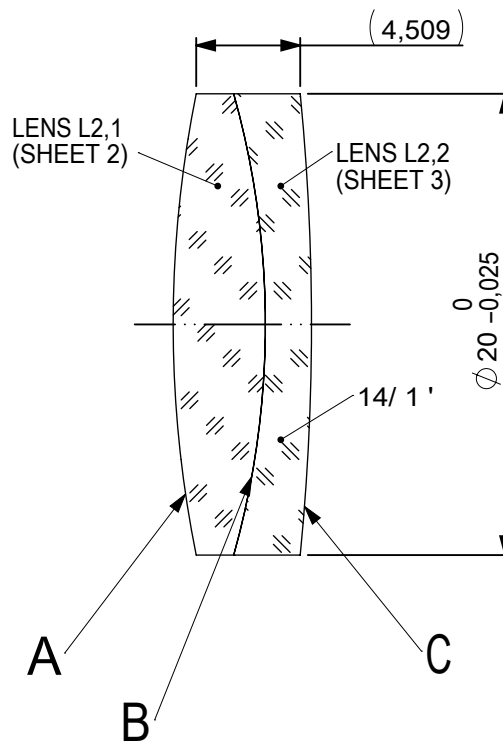
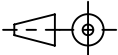
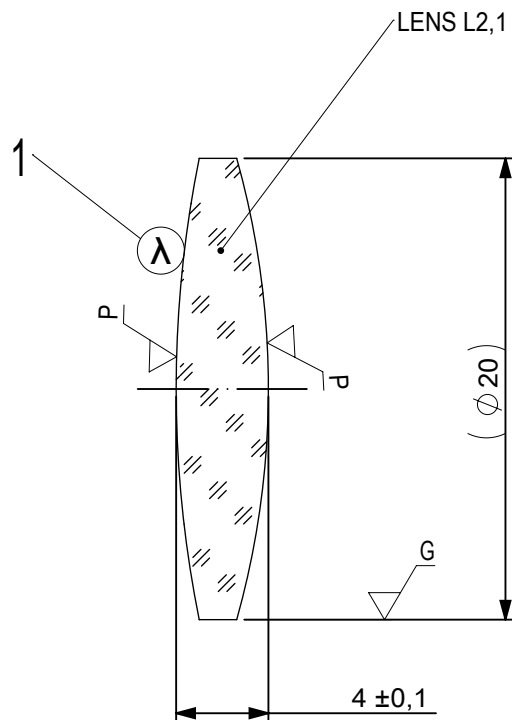




FOCAL LENGTH (EFL): 80 ±0,8  
 BACK FOCAL LENGTH (BFL): 77,26

| SURFACE A                                                                             |                |             | SURFACE B                                                                           |                                                                                                               | SURFACE C |                 |
|---------------------------------------------------------------------------------------|----------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| Øe 19                                                                                 |                |             | Øe 19                                                                               |                                                                                                               | Øe 19     |                 |
|                                                                                       |                |             | 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                     |                |             |                                                                                     | 20mm Daa, x 80mm FL, MgF2 Coated,<br>Achromatic Doublet Lens                                                  |           |                 |
| INDICATIONS IN ACCORDANCE WITH ISO 10110                                              |                |             | ALL DIMS<br>IN:                                                                     | mm                                                                                                            | DWG NO    | 49934           |
|                                                                                       |                |             | SHEET SIZE<br>A4                                                                    |                                                                                                               |           | SHEET<br>1 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 50,49±0,05 CX<br>Øe 19<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 37,06±0,037 CX<br>Øe 19<br>3/ 3 (0,5) λ=632,8 nm<br>4/ -<br>5/ 40 - 20 (MIL-PRF-13830B)<br>6/ - |

PROTECTIVE CHAMFERS AS NEEDED

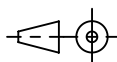
ROHS: COMPLIANT  
SCALE: NONE λ = 587,6nm

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



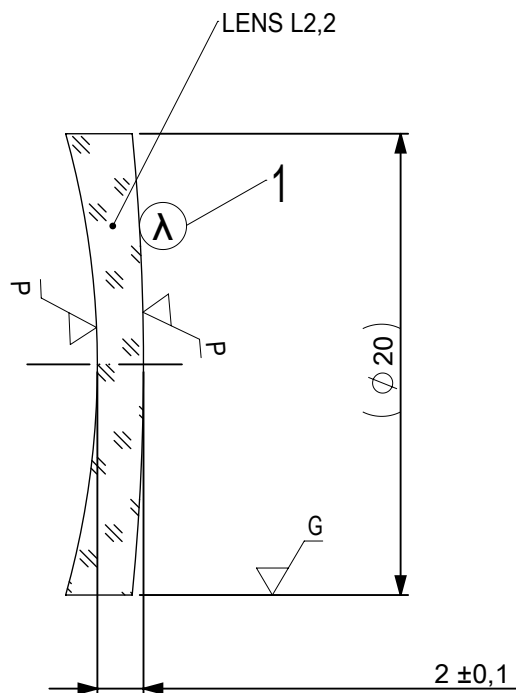
ALL DIMS IN: mm


**Edmund Optics®**

TITLE 20mm Daa, x 80mm FL, MgF2 Coated, Achromatic Doublet Lens

DWG NO 49934

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 37,06±0,037 CV<br>Øe 19<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 102,19±0,102 CX<br>Øe 19<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

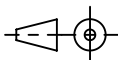
λ = 587,6nm

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

20mm Daa, x 80mm FL, MgF2 Coated,  
Achromatic Doublet Lens

DWG NO

49934

SHEET SIZE  
A4

SHEET  
3 OF 3