

A

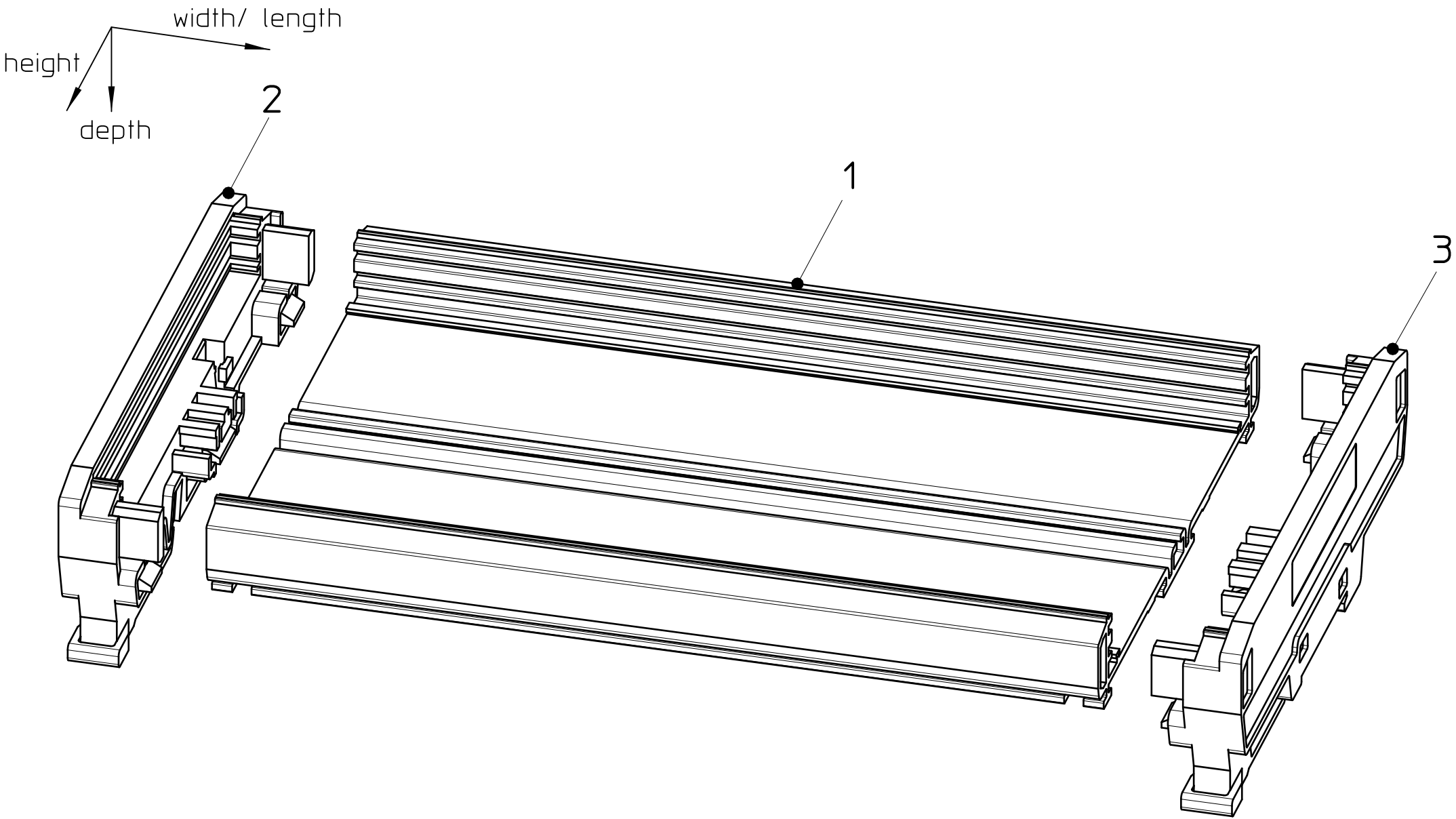
B

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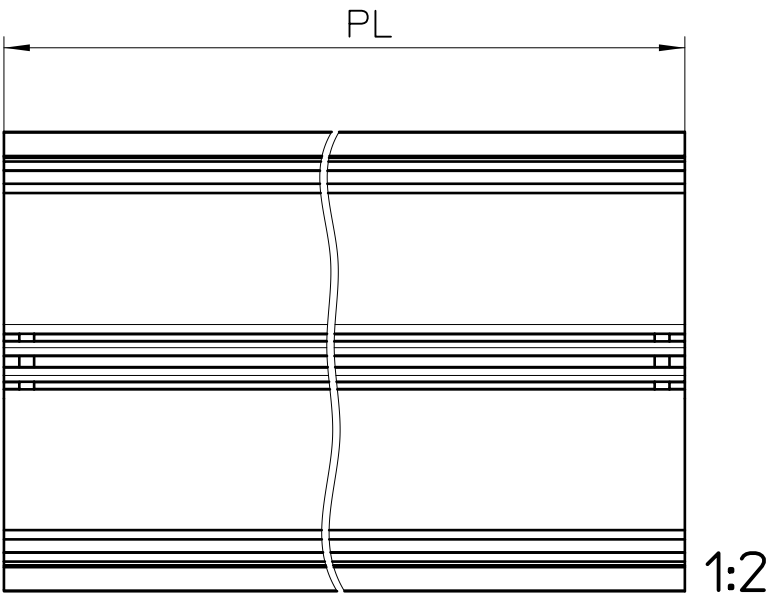
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UM-BASIC-KIT-B108-L....

Assembly example UM-BASIC-KIT-B108-L200



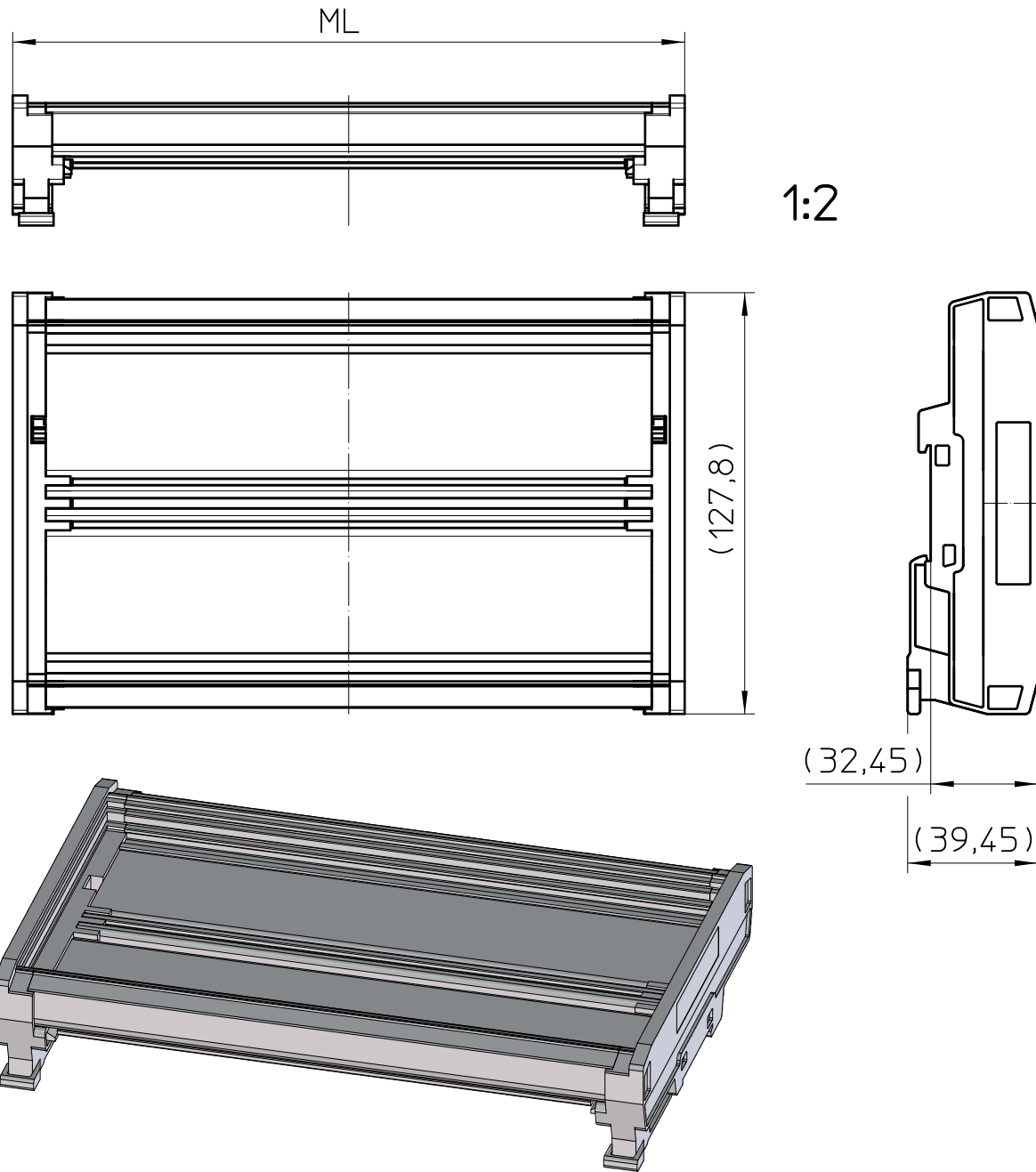
Profile



- General Information:
- Simplified representation.
  - Document excluded from change process
  - Units are in millimeters [mm] and degrees [°]
  - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2, PA plastic parts with about 2% (% by weight) moisture content.
  - Web: [www.phoenixcontact.com](http://www.phoenixcontact.com)    webcode: #0314
  - PCB configurator web: [www.phoenixcontact.com](http://www.phoenixcontact.com)    webcode:#0512

Assembly example

(UM-BASIC-KIT-B108-L200)



| article                | prolife length<br>PL | modul length<br>ML |
|------------------------|----------------------|--------------------|
| UM-BASIC-KIT-B...-L60  | (43,8)               | (63,8)             |
| UM-BASIC-KIT-B...-L80  | (63,8)               | (83,8)             |
| UM-BASIC-KIT-B...-L100 | (83,8)               | (103,8)            |
| UM-BASIC-KIT-B...-L120 | (103,8)              | (123,8)            |
| UM-BASIC-KIT-B...-L150 | (133,8)              | (153,8)            |
| UM-BASIC-KIT-B...-L180 | (163,8)              | (183,8)            |
| UM-BASIC-KIT-B...-L200 | (183,8)              | (203,8)            |
| UM-BASIC-KIT-B...-L250 | (233,8)              | (253,8)            |

| KIT (not mounted)                                                                            |     |                                            |          |                                           |              |
|----------------------------------------------------------------------------------------------|-----|--------------------------------------------|----------|-------------------------------------------|--------------|
| Pos.                                                                                         | QTY | Description                                | Material |                                           |              |
| 1                                                                                            | 1   | UM-BASIC PROFIL                            | PVC      |                                           |              |
| 2                                                                                            | 1   | SIDE ELEMENT LEFT                          | PA       |                                           |              |
| 3                                                                                            | 1   | SIDE ELEMENT RIGHT                         | PA       |                                           |              |
|  DIN A2 |     | document-No. / RI<br>01370809 / 00         |          | date<br>02.08.2021                        | scale<br>1:1 |
|         |     | ident.-No.<br>1300358                      |          | document-type<br>TECDOC 2D_Productdrawing |              |
|                                                                                              |     | description<br>UM-BASIC-KIT-B108-L200-7035 |          |                                           |              |
|                                                                                              |     | page 1 of 6                                |          |                                           |              |

A

B

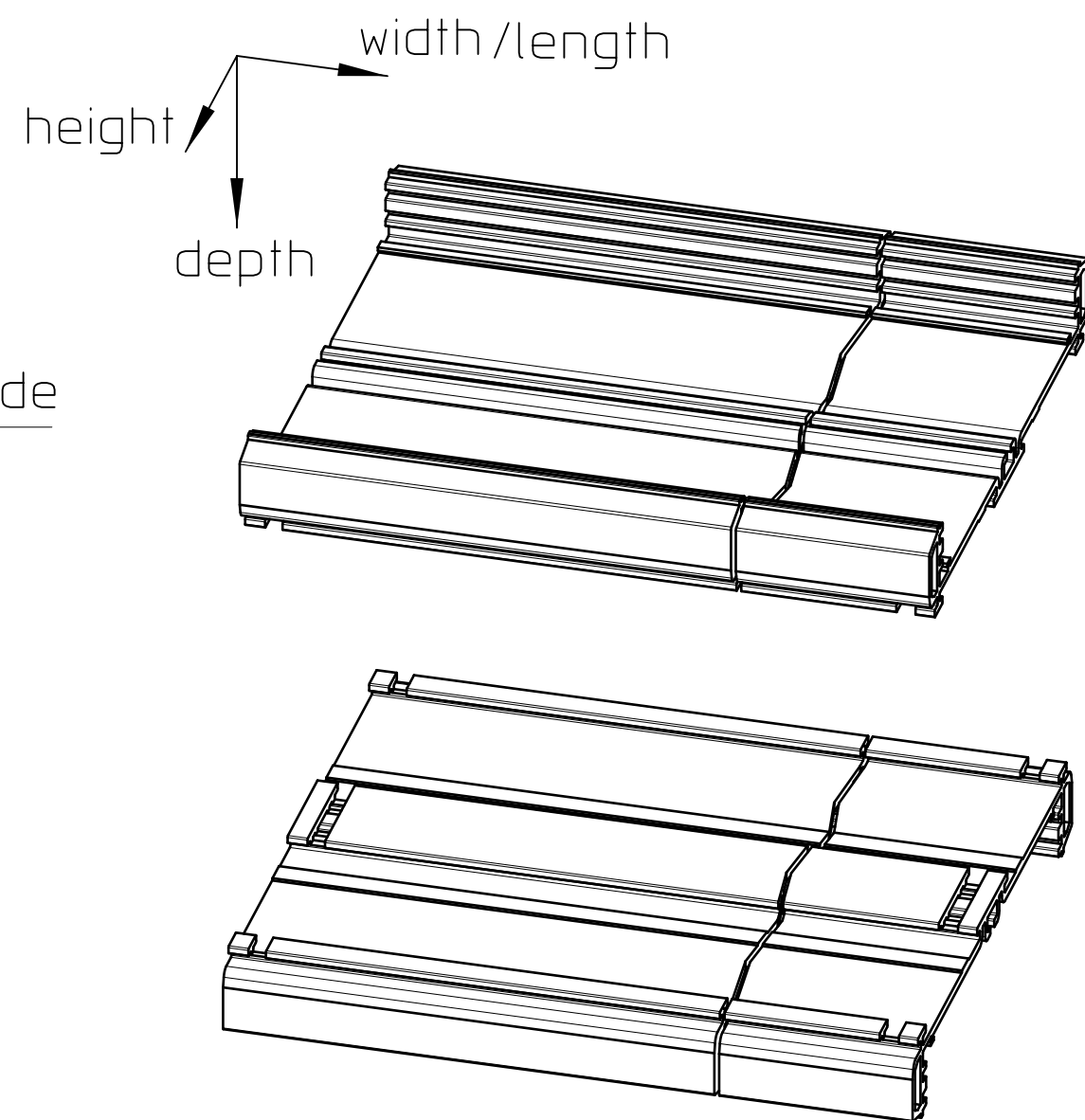
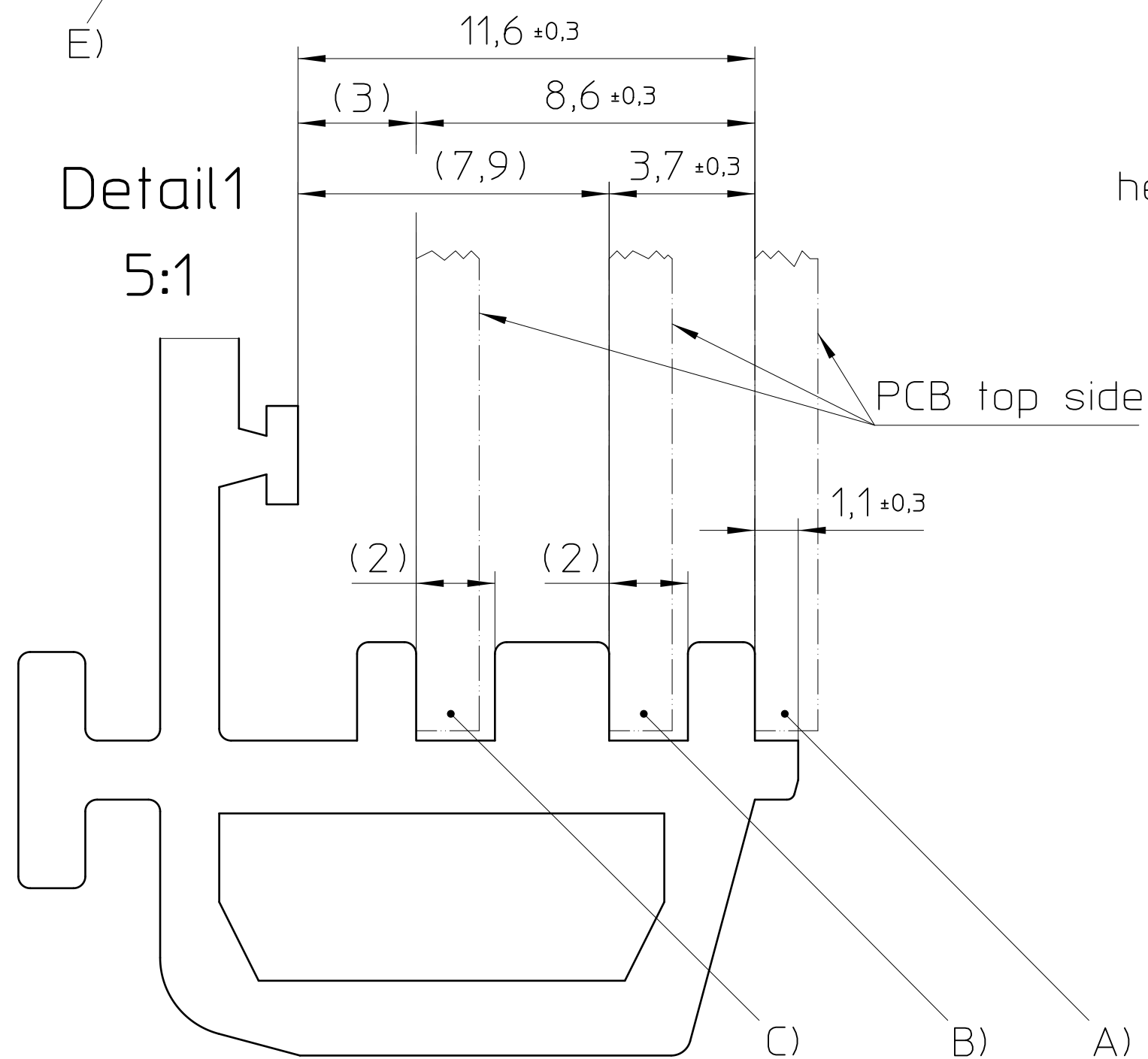
C

D

E

F

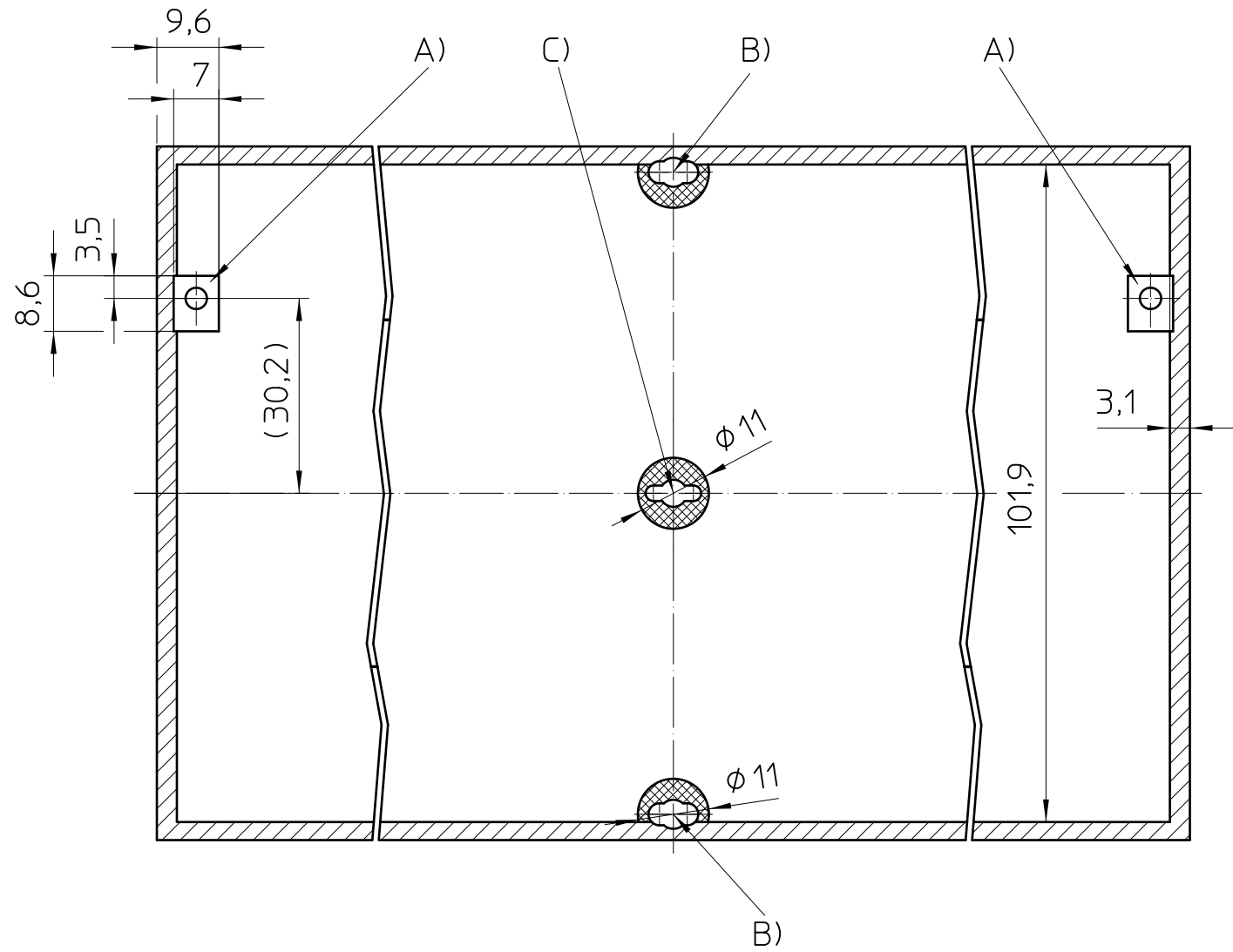
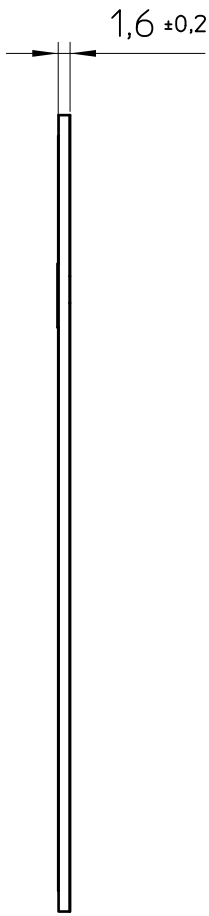
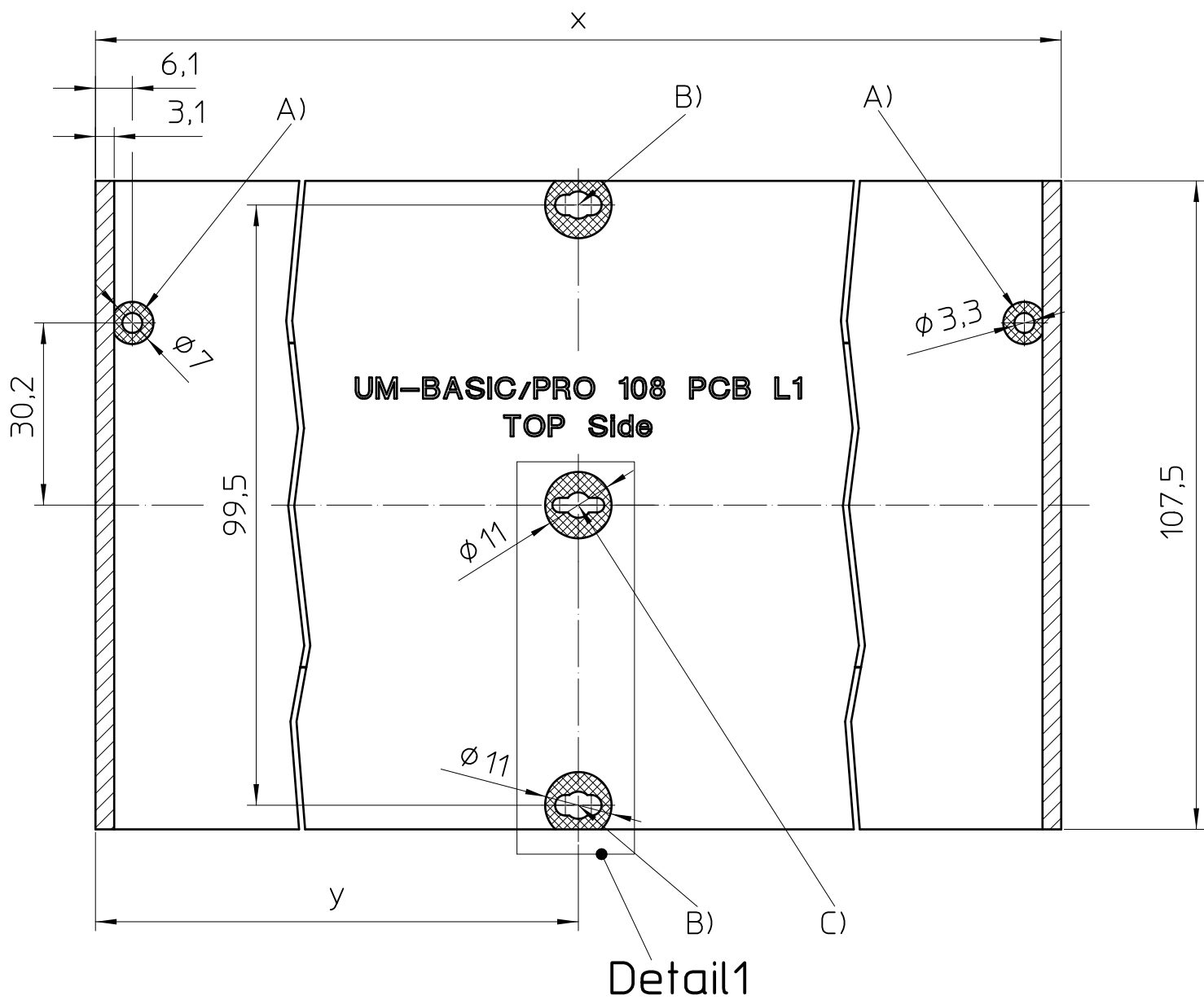
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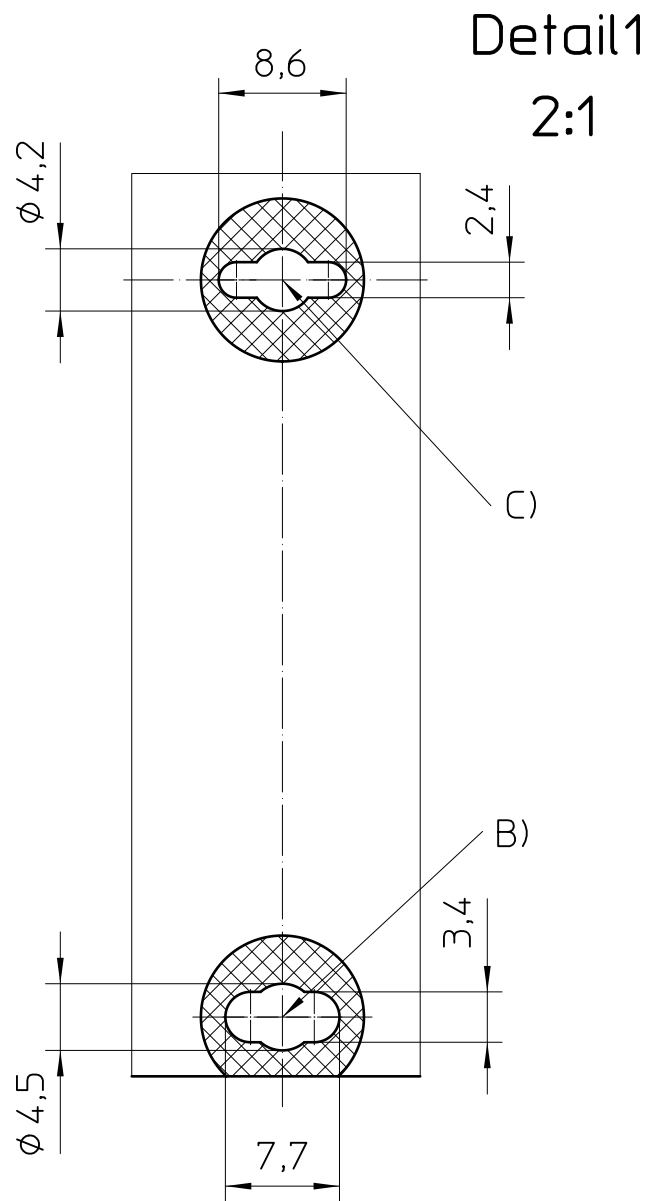
- Additional Information:
  - A) PCB L1
  - B) PCB L2
  - C) PCB L3
  - D) Groove to fix the lateral element, UM-PRO COVER L/R
  - E) Length of profile according to customer specification.  
    Profil length min. 30mm up to max. 1000mm
  - F) Fixing for optional PCB S-LOCK
  - G) Fixing for optional PCB C-LOCK L ...
  - H) Area for optional marking strip SK 5,0...
- Recommended PCB-outline see further documentation

|                                                                                              |     |                                            |                                           |              |
|----------------------------------------------------------------------------------------------|-----|--------------------------------------------|-------------------------------------------|--------------|
| Pos.                                                                                         | QTY | description                                |                                           | material     |
| 1                                                                                            | 1   | PROFILE                                    |                                           | PVC          |
|  DIN A3 |     | document-No. / RI<br>01370809 / 00         | date<br>02.08.2021                        | scale<br>1:1 |
|         |     | ident.-No.<br>1300358                      | document-type<br>TECDOC 2D_Productdrawing |              |
|                                                                                              |     | description<br>UM-BASIC-KIT-B108-L200-7035 |                                           |              |
| page 2                                                                                       |     | of 6                                       |                                           |              |

Recommended PCB for: UM-PRO 108 and UM-BASIC 108



Detail1



General Information:

- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]
- Web: [www.phoenixcontact.com](http://www.phoenixcontact.com) webcode: #0314 / #0313

Addition Information

- General tolerances for PCB: dimensions  $\leq 30$ :  $\pm 0,1/R \pm 0,2/\pm 1^\circ$   
dimensions  $> 30$ :  $\pm 0,15/R \pm 0,2/\pm 1^\circ$   
symmetry: 0,2
-  Restricted area, no components
-  Restricted area, optional

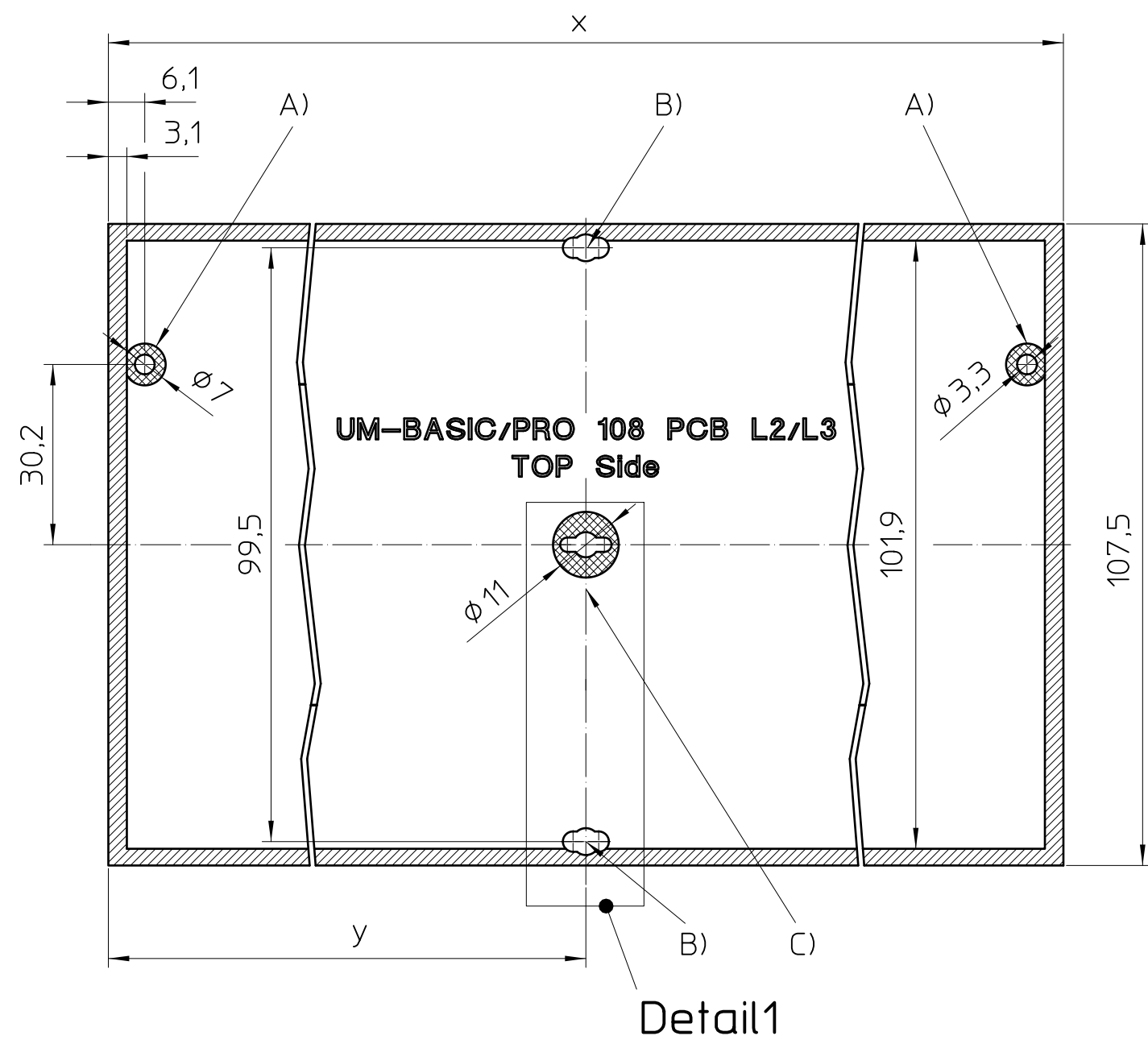
Additional Information:

- A) Optional drilling hole, restricted area and recommended Sn-plated pad for UM-PRO PE CONTACT L1
- B) Optional cutout and restricted area for UM-PRO PCB S-LOCK
- C) Optional cutout and restricted area for UM-PRO PCB C-LOCK L1
- X: PCB length (profile length=X-16,2 ; module length=X+3,8)
- Y: Position of optional cutouts with restricted areas ; Range:  $Y=8,6...(X-8,6)$

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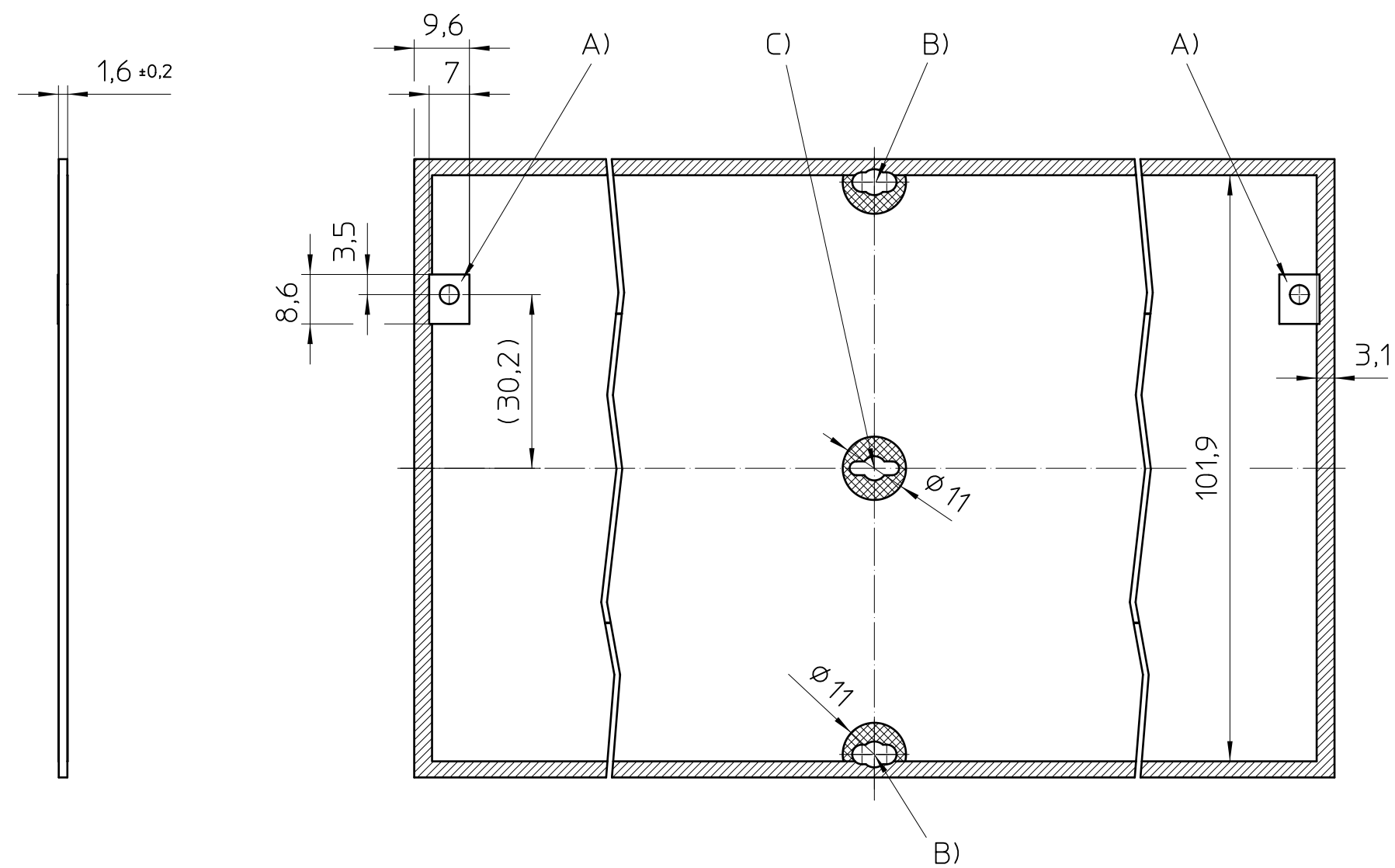
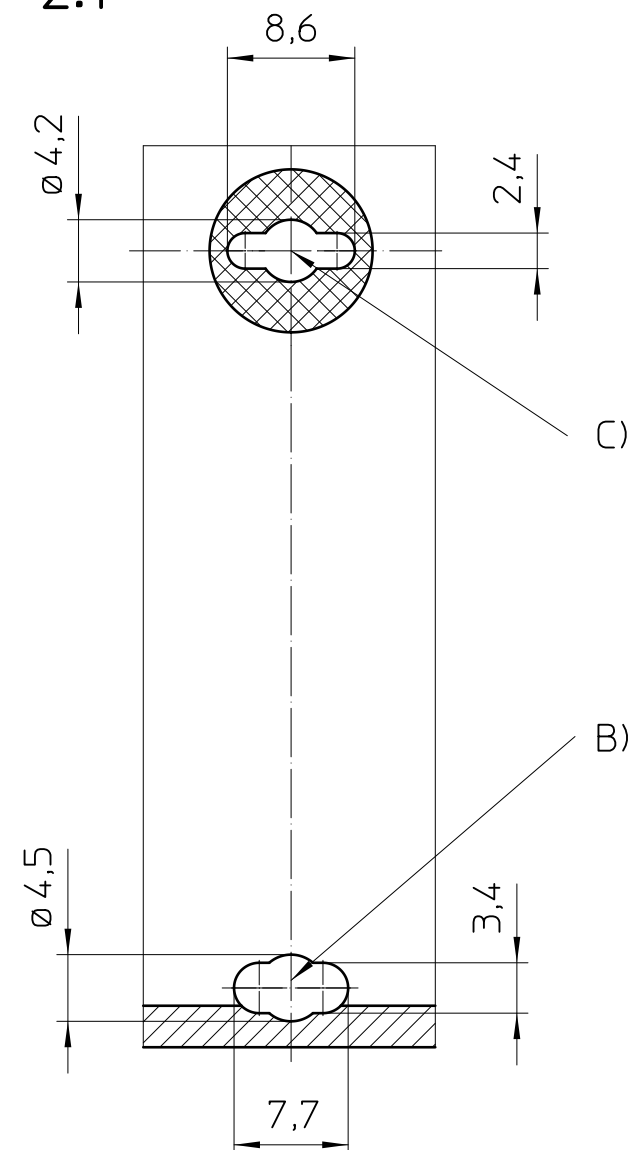
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Recommended PCB for: UM-PRO 108 and UM-BASIC 108



Detail1

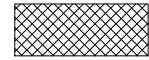
2:1



General Information:

- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]
- Web: [www.phoenixcontact.com](http://www.phoenixcontact.com) webcode: #0313 / #0314

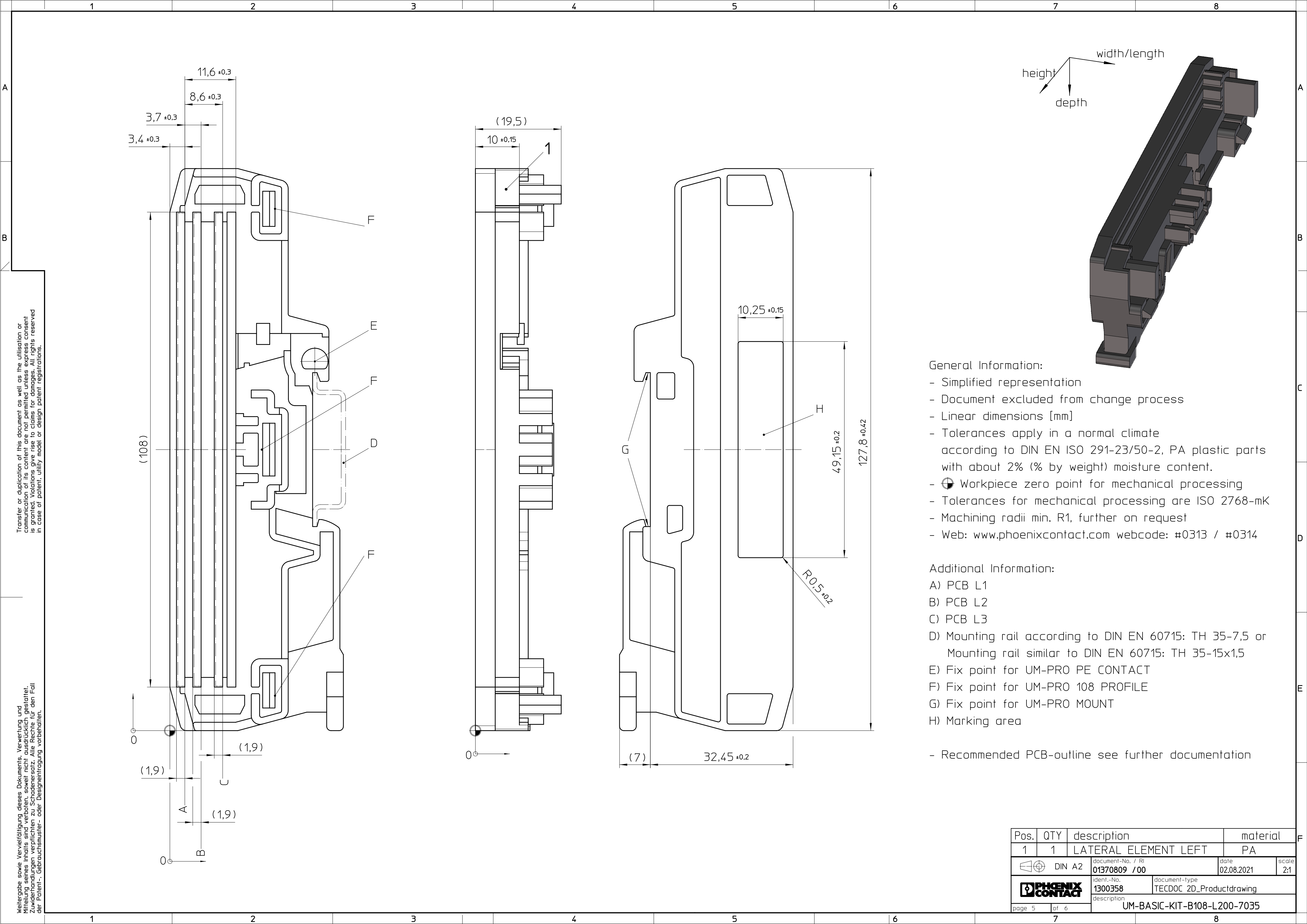
Addition Information

- General tolerances for PCB: dimensions  $\leq 30$ :  $\pm 0,1/R \pm 0,2 / \pm 1^\circ$   
dimensions  $> 30$ :  $\pm 0,15/R \pm 0,2 / \pm 1^\circ$   
symmetry: 0,2
-  Restricted area, no components
-  Restricted area, optional

Additional Information:

- A) optional drilling hole, restricted area and recommended Sn-plated pad for UM-PRO PE CONTACT L2/L3
- B) optional cutout and restricted area for UM-PRO PCB S-LOCK
- C) optional cutout and restricted area for UM-PRO PCB C-LOCK L2/L3
- X: PCB length (profile length= $x-16,2$  ; module length= $x+3,8$ )
- Y: Position of optional cutouts with restricted areas ; Range:  $y=8,6 \dots (x-8,6)$

|                                                                                              |                                            |                                           |              |
|----------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------|--------------|
|  DIN A2 | document-No. / RI<br>01370809 / 00         | date<br>02.08.2021                        | scale<br>1:1 |
|         | ident.-No.<br>1300358                      | document-type<br>TECDOC 2D_Productdrawing |              |
| page 4 of 6                                                                                  | description<br>UM-BASIC-KIT-B108-L200-7035 |                                           |              |



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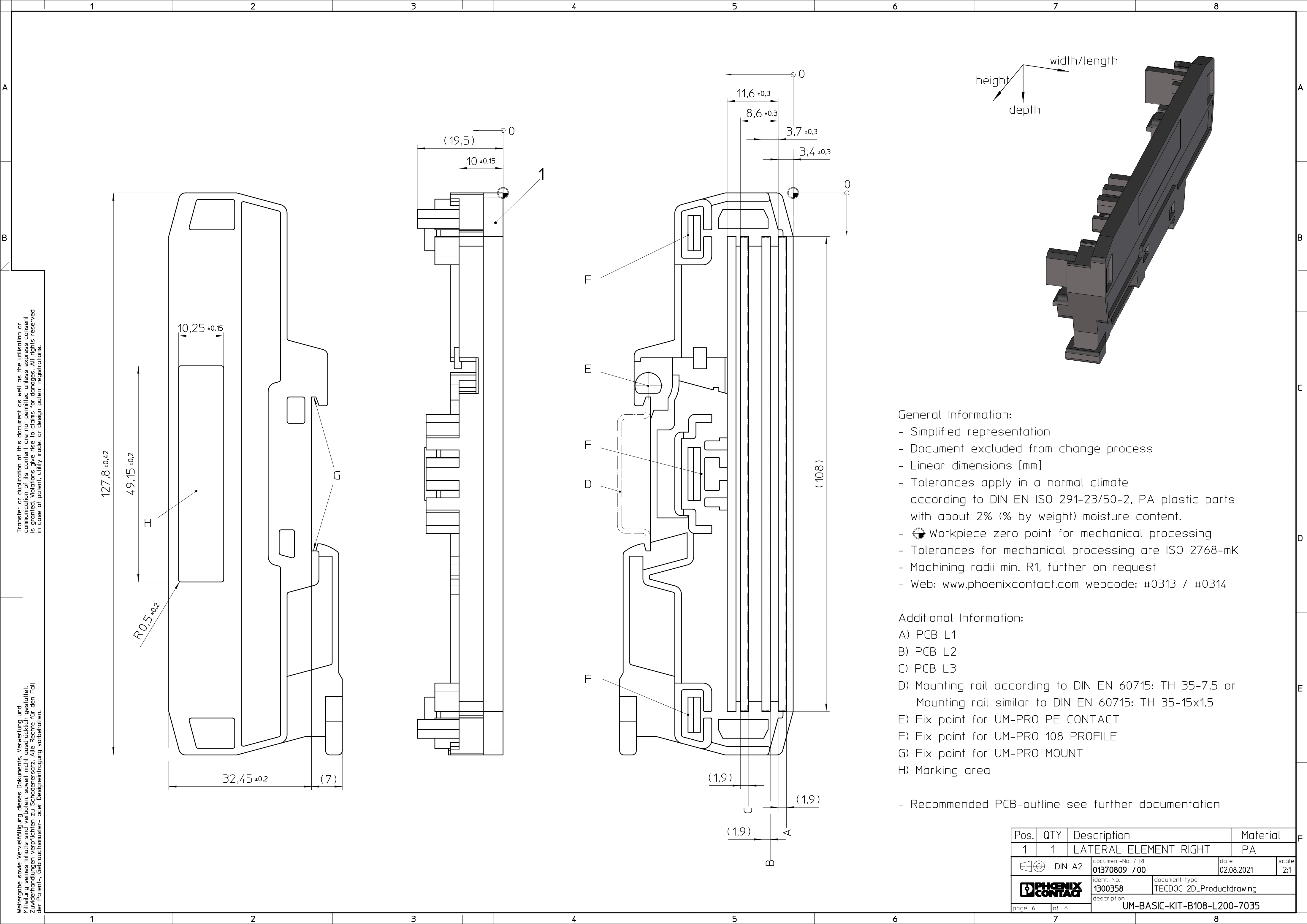
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- General Information:
- Simplified representation
  - Document excluded from change process
  - Linear dimensions [mm]
  - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2, PA plastic parts with about 2% (% by weight) moisture content.
  - Workpiece zero point for mechanical processing
  - Tolerances for mechanical processing are ISO 2768-mK
  - Machining radii min. R1, further on request
  - Web: [www.phoenixcontact.com](http://www.phoenixcontact.com) webcode: #0313 / #0314

- Additional Information:
- A) PCB L1
  - B) PCB L2
  - C) PCB L3
  - D) Mounting rail according to DIN EN 60715: TH 35-7,5 or Mounting rail similar to DIN EN 60715: TH 35-15x1,5
  - E) Fix point for UM-PRO PE CONTACT
  - F) Fix point for UM-PRO 108 PROFILE
  - G) Fix point for UM-PRO MOUNT
  - H) Marking area

- Recommended PCB-outline see further documentation

| Pos.                                                                                         | QTY | description          |                          | material    |       |
|----------------------------------------------------------------------------------------------|-----|----------------------|--------------------------|-------------|-------|
| 1                                                                                            | 1   | LATERAL ELEMENT LEFT |                          | PA          |       |
|  DIN A2 |     | document-No. / RI    |                          | date        | scale |
|                                                                                              |     | 01370809 / 00        |                          | 02.08.2021  | 2:1   |
|         |     | ident.-No.           | document-type            |             |       |
|                                                                                              |     | 1300358              | TECDOC 2D_Productdrawing |             |       |
| page 5                                                                                       |     | of 6                 |                          | description |       |
|                                                                                              |     |                      |                          |             |       |
| UM-BASIC-KIT-B108-L200-7035                                                                  |     |                      |                          |             |       |



General Information:

- Simplified representation
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Additional Information:

A) PCB L1  
B) PCB L2  
C) PCB L3  
D) Mounting rail according to DIN EN 60715: TH 35-7,5 or Mounting rail similar to DIN EN 60715: TH 35-15x1,5  
E) Fix point for UM-PRO PE CONTACT  
F) Fix point for UM-PRO 108 PROFILE  
G) Fix point for UM-PRO MOUNT  
H) Marking area

- Recommended PCB-outline see further documentation

| Pos.                                                                                         | QTY | Description                                | Material                                  |              |
|----------------------------------------------------------------------------------------------|-----|--------------------------------------------|-------------------------------------------|--------------|
| 1                                                                                            | 1   | LATERAL ELEMENT RIGHT                      | PA                                        |              |
|  DIN A2 |     | document-No. / RI<br>01370809 / 00         | date<br>02.08.2021                        | scale<br>2:1 |
|         |     | ident.-No.<br>1300358                      | document-type<br>TECDOC 2D_Productdrawing |              |
| page 6 of 6                                                                                  |     | description<br>UM-BASIC-KIT-B108-L200-7035 |                                           |              |