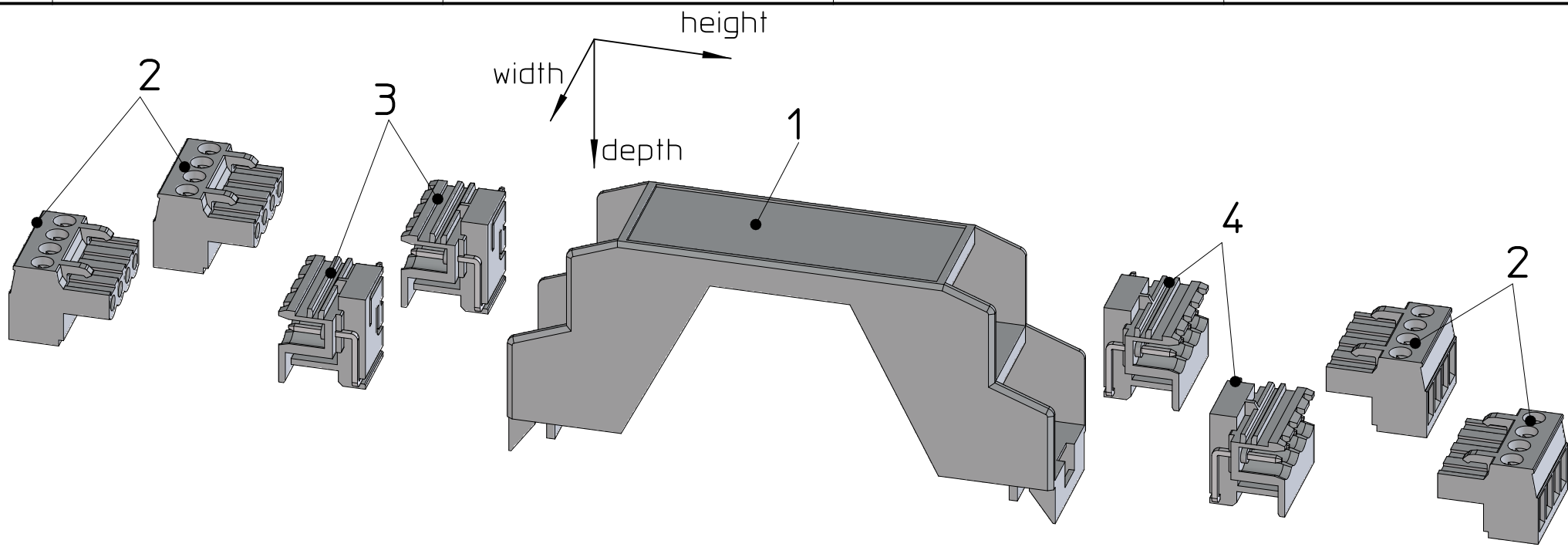
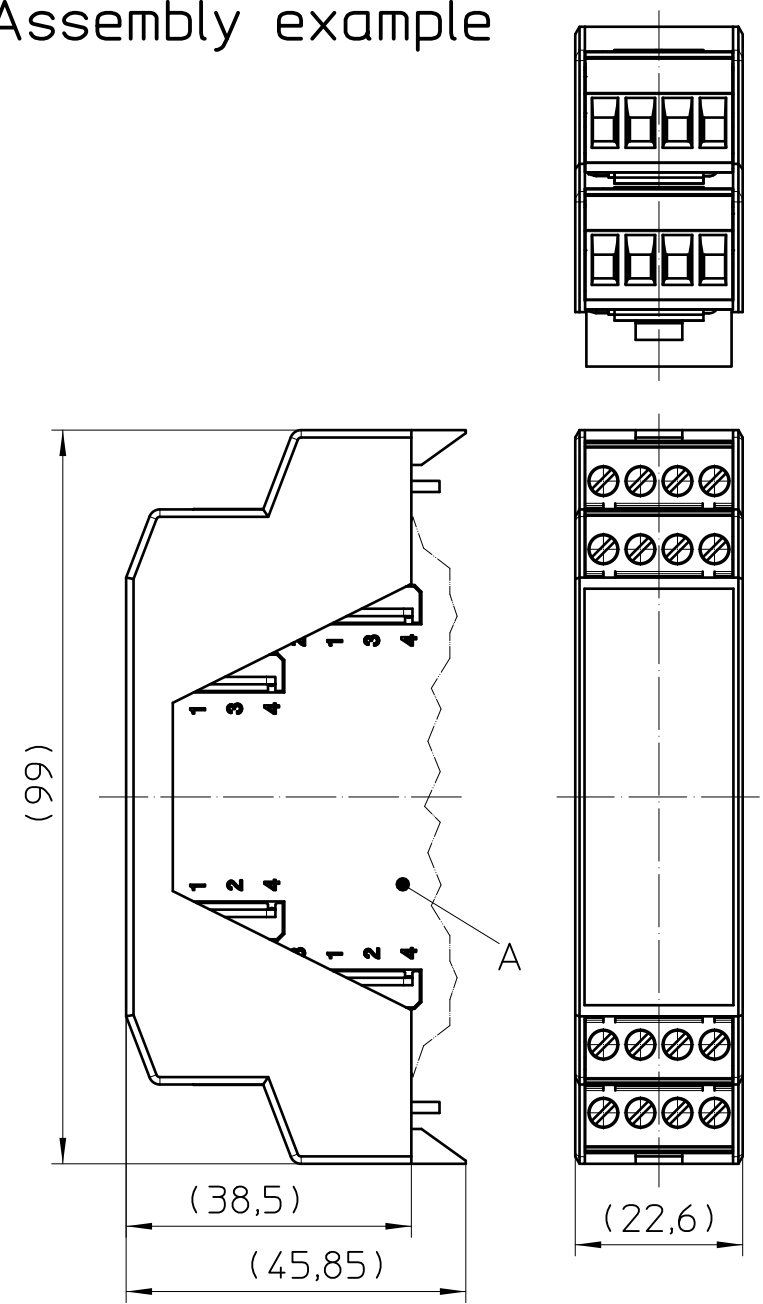


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Assembly example



General Information:

- Simplified representation, exemplary shown in gray.
- 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)

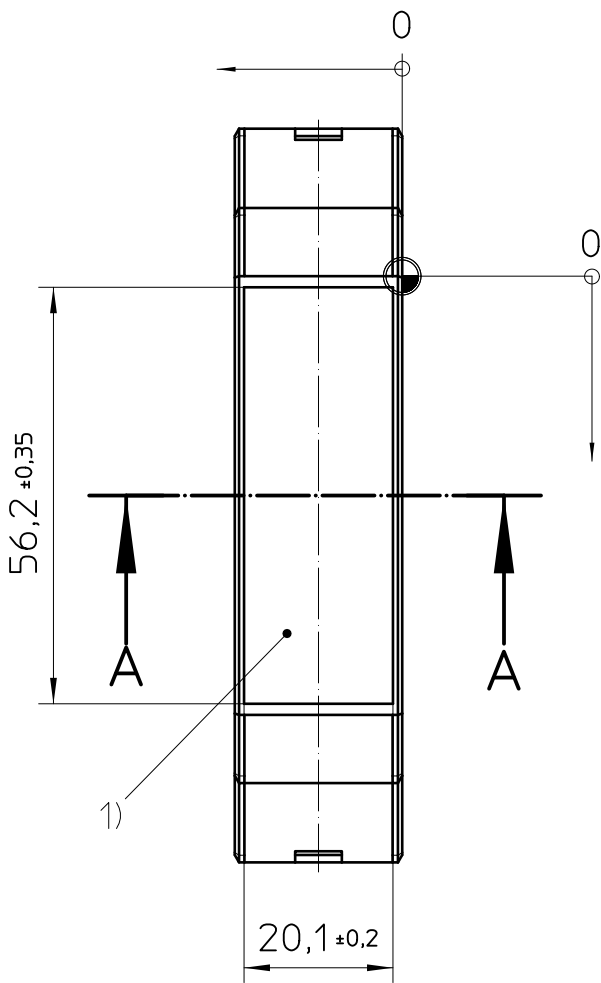
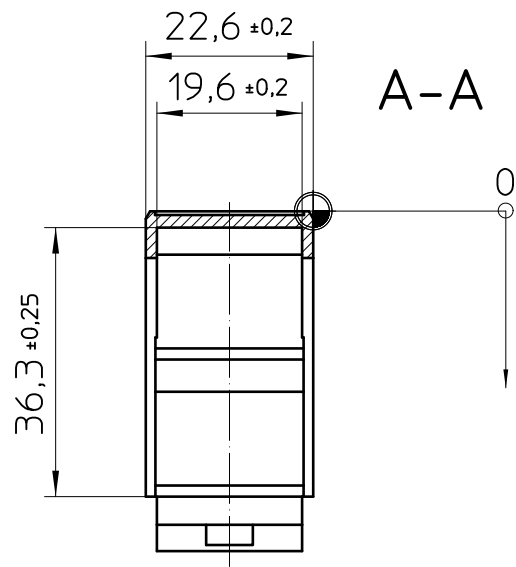
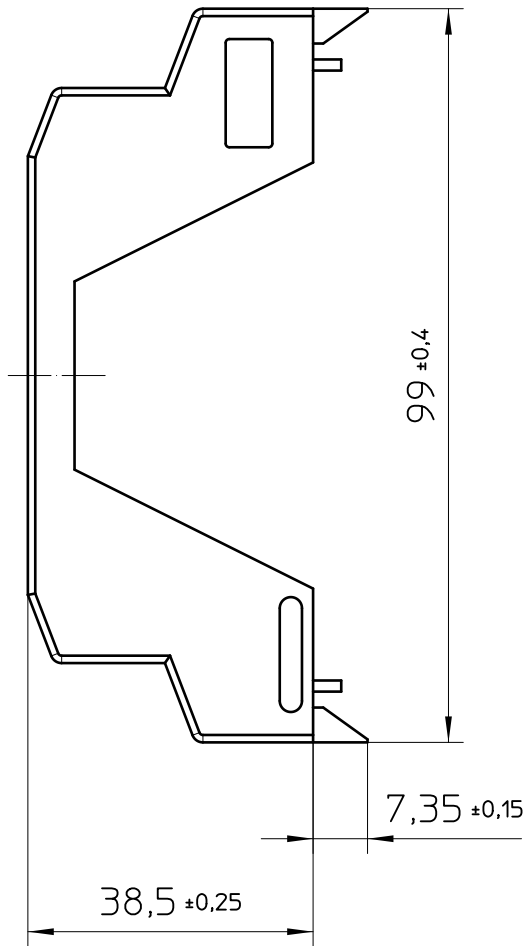
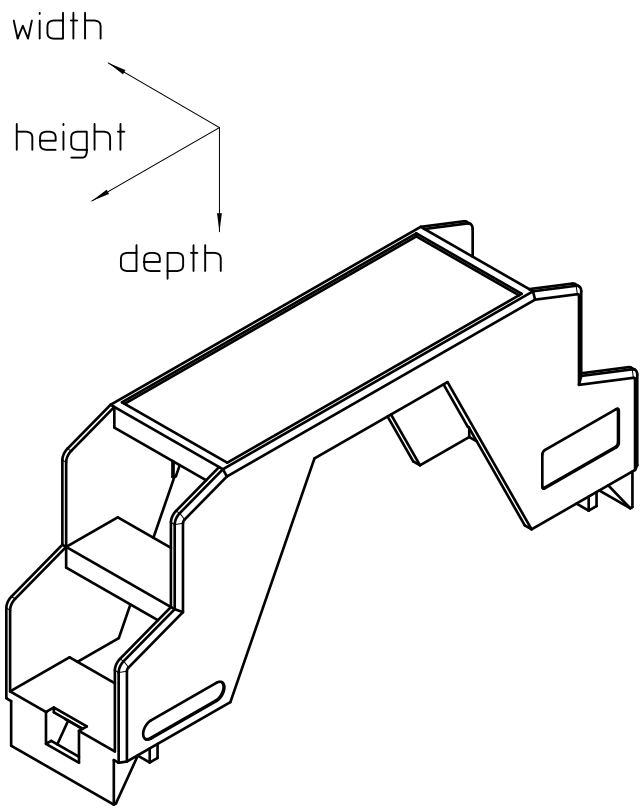
Additional Information:

A. PCB, not included in the kit

| KIT (not mounted)                                                                            |     |                                          |                          |            |       |
|----------------------------------------------------------------------------------------------|-----|------------------------------------------|--------------------------|------------|-------|
| Pos.                                                                                         | QTY | Description                              |                          |            |       |
| 1                                                                                            | 1   | ME 22,5 OT-MSTBO                         |                          |            |       |
| 2                                                                                            | 4   | MSTBT 2,5/ 4-ST                          |                          |            |       |
| 3                                                                                            | 2   | MSTBO 2,5/ 4-G1L                         |                          |            |       |
| 4                                                                                            | 2   | MSTBO 2,5/ 4-G1R                         |                          |            |       |
|  DIN A3 |     | document-No. / RI                        |                          | date       | scale |
|                                                                                              |     | 01318906 / 02                            |                          | 04.03.2021 | 1:1   |
|         |     | ident.-No.                               | document-type            |            |       |
|                                                                                              |     | 2709244                                  | TECDOC 2D_Productdrawing |            |       |
| page 1 of 5                                                                                  |     | description<br>ME 22,5 OT-MSTBO SET KMGY |                          |            |       |

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- General Information
- Simplified representation
  - Document excluded from change process
  - CAD Data see Download-Center on [www.phoenixcontact.com](http://www.phoenixcontact.com)
  - Linear dimensions [mm]
  - Tolerances, apply in a normal climate according to DIN 50014-23/50-2, with about 2% (% by weight) moisture content.

1) Marking area 0,5 recessed

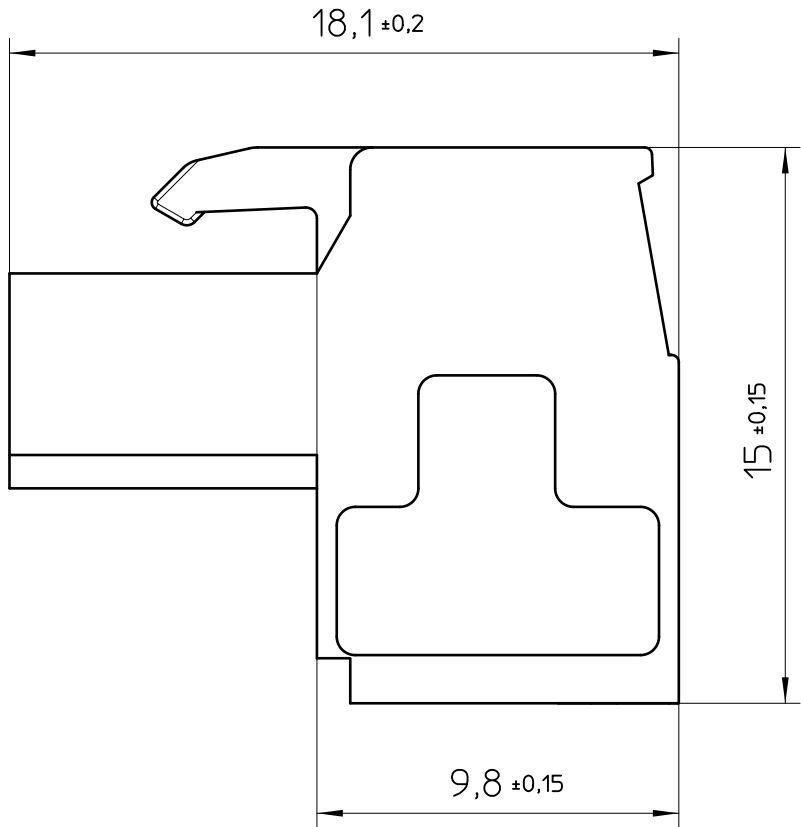
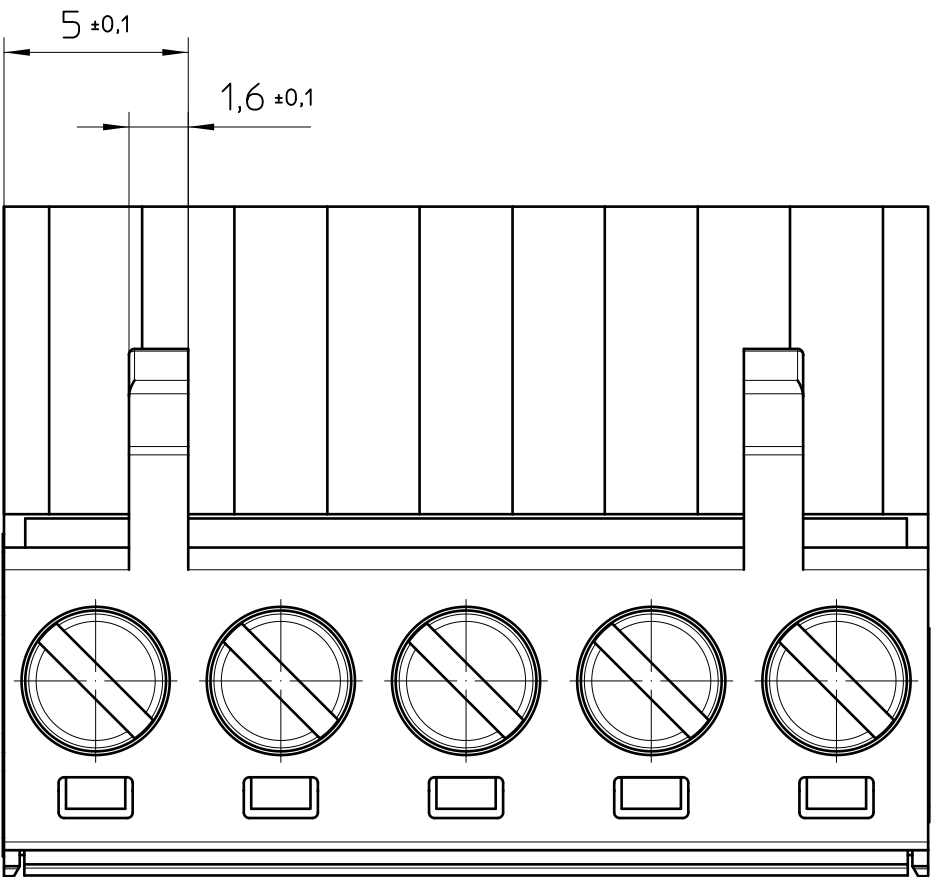
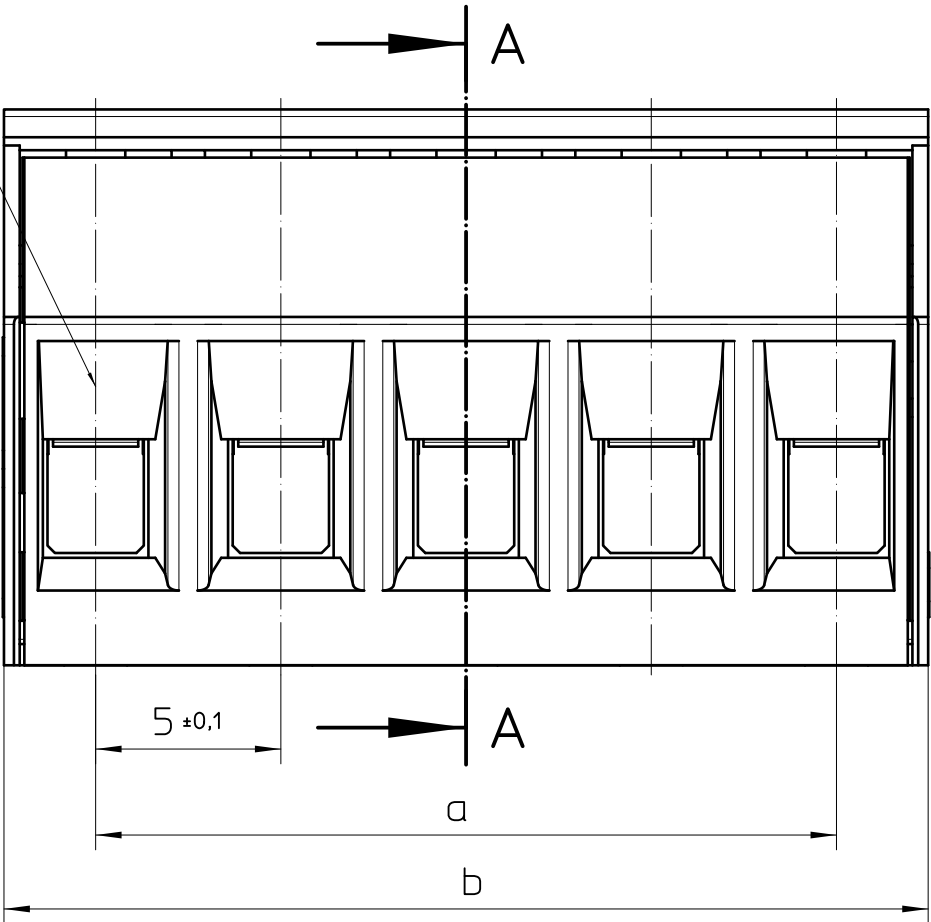
⊕ Workpiece zero point for mechanical processing

|                                                                                              |                   |                           |            |       |
|----------------------------------------------------------------------------------------------|-------------------|---------------------------|------------|-------|
|  DIN A3 | document-No. / RI |                           | date       | scale |
|                                                                                              | 01318906 / 02     |                           | 04.03.2021 | 1:1   |
|                                                                                              | ident.-No.        | document-type             |            |       |
|                                                                                              | 2709244           | TECDOC 2D_Productdrawing  |            |       |
| page 2 of 5                                                                                  |                   | description               |            |       |
|                                                                                              |                   | ME 22,5 OT-MSTBO SET KMGY |            |       |

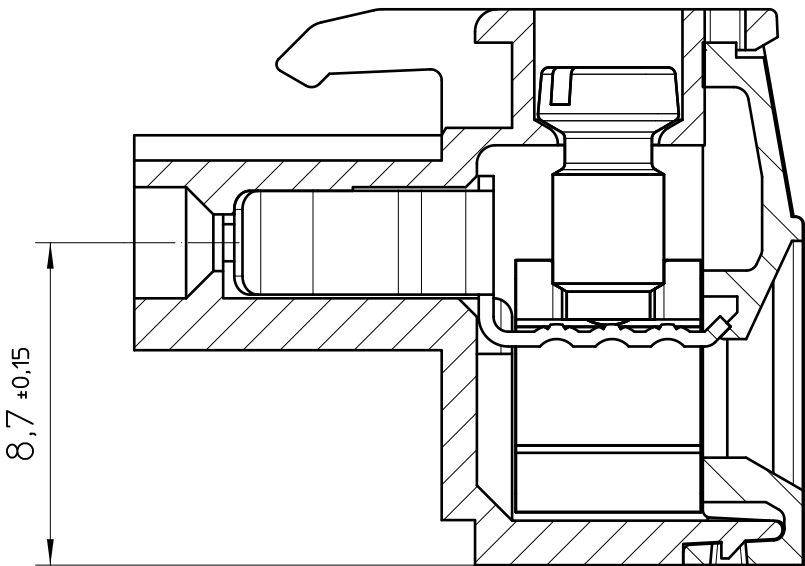
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position 1



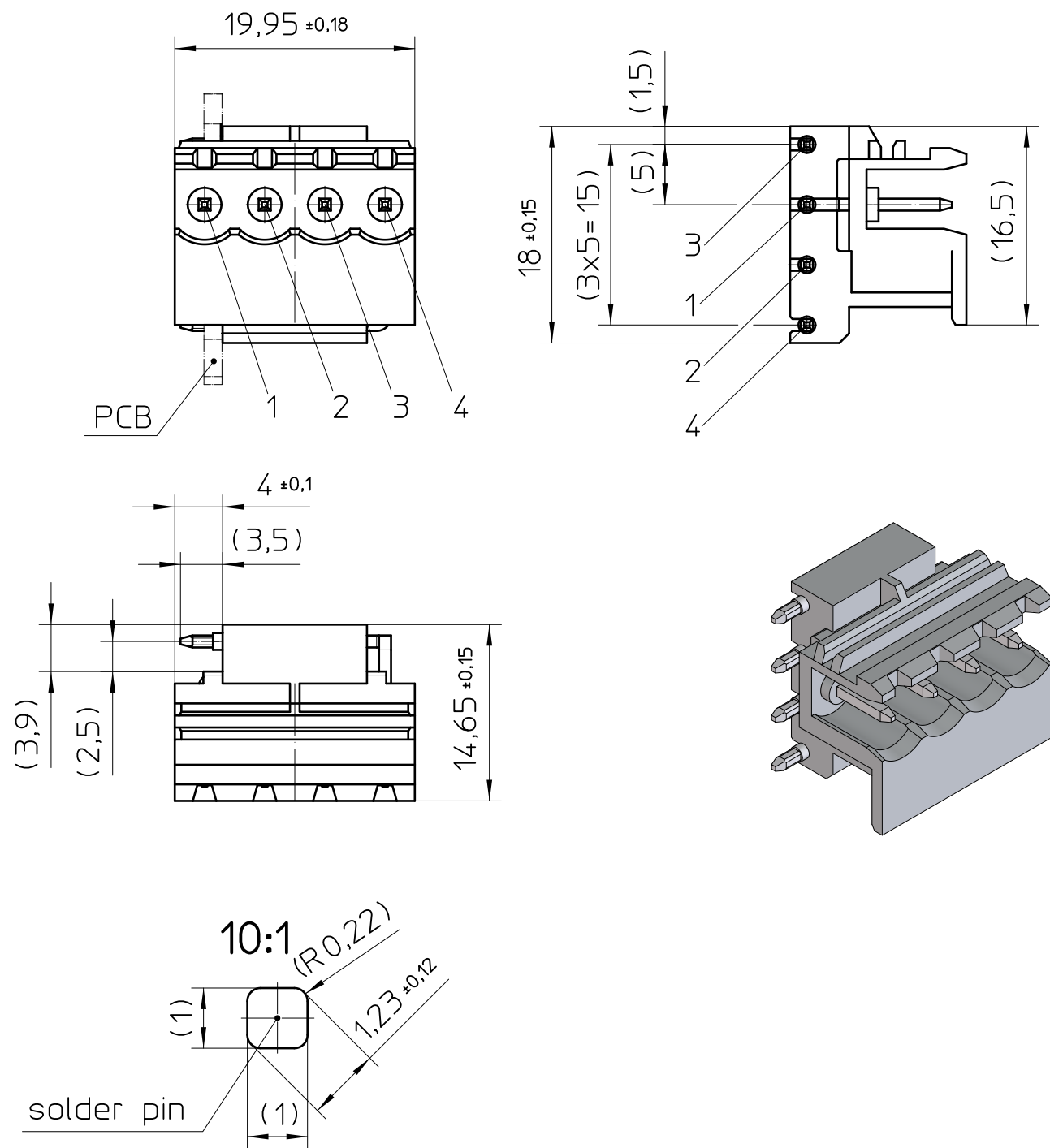
A-A



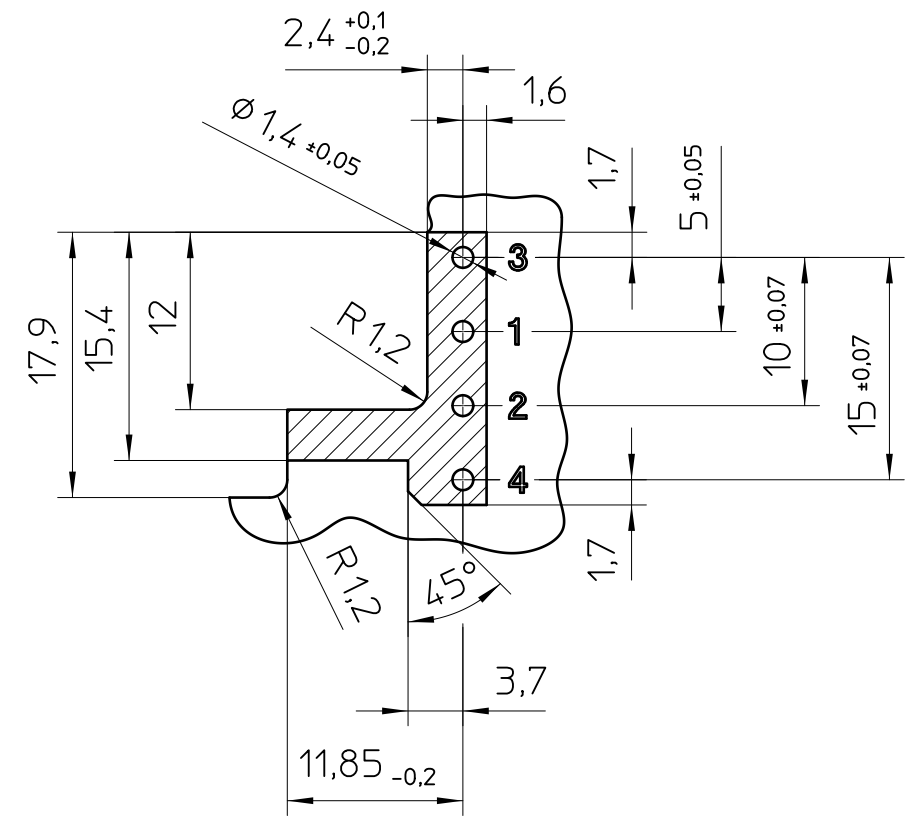
| pos. | dim. a      | dim. b      |
|------|-------------|-------------|
| 2    | 5,00 ±0,10  | 10,00 ±0,15 |
| 3    | 10,00 ±0,15 | 15,00 ±0,15 |
| 4    | 15,00 ±0,15 | 20,00 ±0,20 |
| 5    | 20,00 ±0,20 | 25,00 ±0,20 |
| 6    | 25,00 ±0,20 | 30,00 ±0,20 |
| 7    | 30,00 ±0,20 | 35,00 ±0,20 |
| 8    | 35,00 ±0,20 | 40,00 ±0,20 |
| 9    | 40,00 ±0,20 | 45,00 ±0,20 |
| 10   | 45,00 ±0,20 | 50,00 ±0,20 |
| 11   | 50,00 ±0,20 | 55,00 ±0,25 |
| 12   | 55,00 ±0,25 | 60,00 ±0,25 |
| 13   | 60,00 ±0,25 | 65,00 ±0,25 |
| 14   | 65,00 ±0,25 | 70,00 ±0,25 |
| 15   | 70,00 ±0,25 | 75,00 ±0,25 |
| 16   | 75,00 ±0,25 | 80,00 ±0,25 |

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recommended PCB drilling plan  
view: component side



General tolerances:  
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

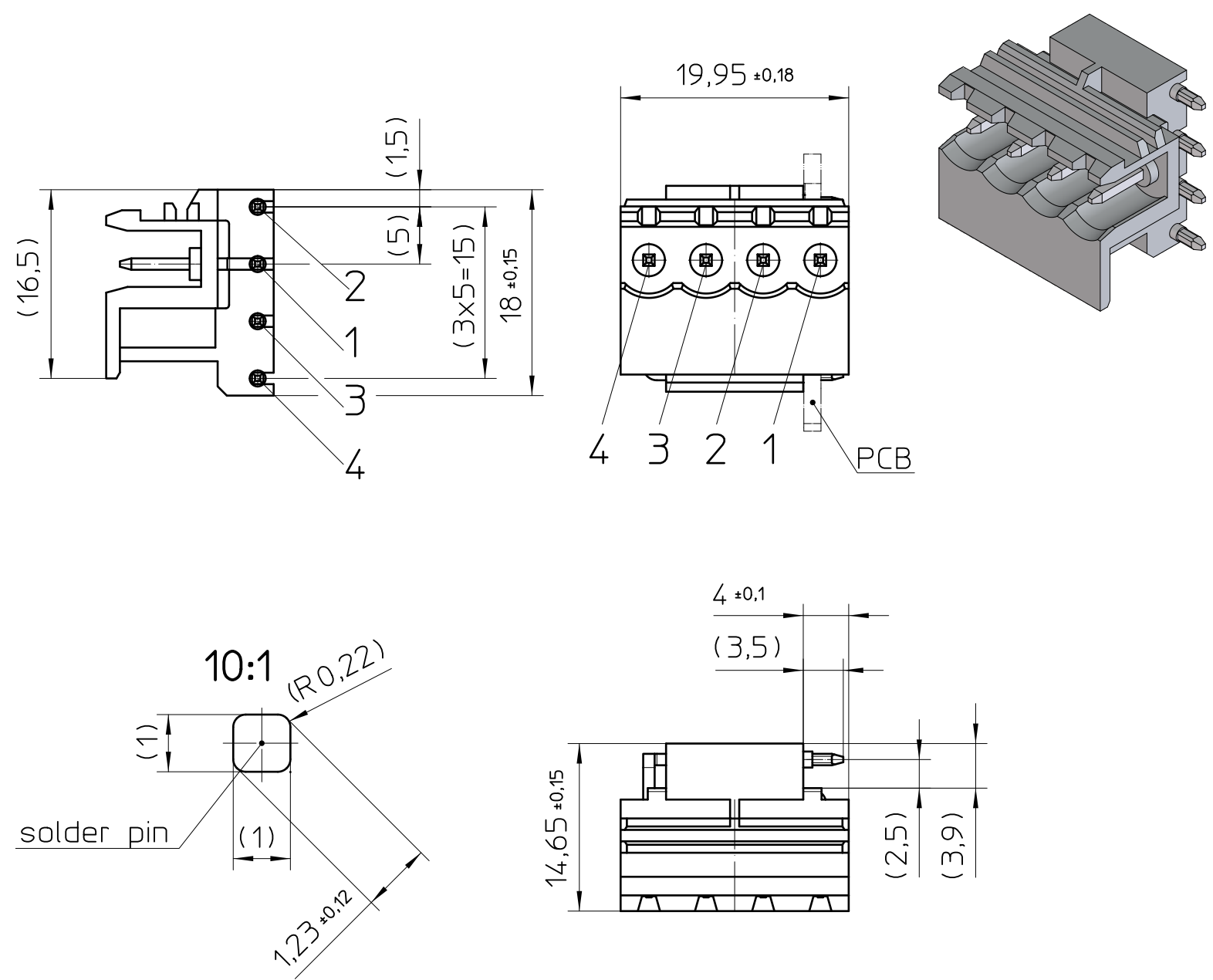
#### General Information

- Simplified representation, exemplary shown in gray
- Restricted area
- Document excluded from change process
- CAD Data see Download-Center on [www.phoenixcontact.com](http://www.phoenixcontact.com)
- When using this connection technology in housing systems from Phoenix Contact see the appropriate documentation.
- Linear dimensions [mm]
- Tolerances, apply in a normal climate according to DIN 50014-23/50-2, with about 2% (% by weight) moisture content.

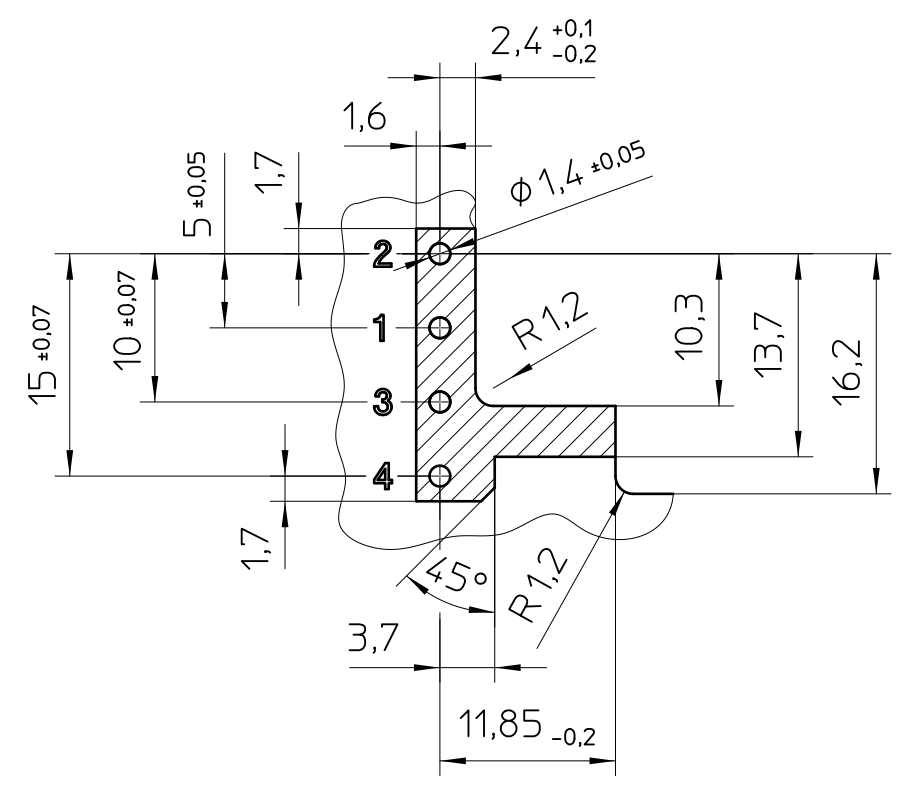
|                                                                                       |      |                           |                          |            |       |
|---------------------------------------------------------------------------------------|------|---------------------------|--------------------------|------------|-------|
|  |      | document-No. / RI         |                          | date       | scale |
| DIN A3                                                                                |      | 01318906 / 02             |                          | 02.03.2021 | 2:1   |
|  |      | ident.-No.                | document-type            |            |       |
|                                                                                       |      | 2709244                   | TECDOC 2D_Productdrawing |            |       |
|                                                                                       |      | description               |                          |            |       |
| page 4                                                                                | of 5 | ME 22,5 OT-MSTBO SET KMGY |                          |            |       |

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recommended PCB drilling plan  
view: component side



General tolerances:  
dimensions ≤ 30: ±0,1/R±0,2/±1°  
dimensions > 30: ±0,15/R±0,2/±1°  
symmetry: 0,2

- General Information
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  - Restricted area
  - Document excluded from change process
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  - Linear dimensions [mm]
  - Tolerances, apply in a normal climate according to DIN 50014-23/50-2, with about 2% (% by weight) moisture content.

|             |               |               |                   |                           |       |
|-------------|---------------|---------------|-------------------|---------------------------|-------|
|             | DIN A3        |               | document-No. / RI | date                      | scale |
|             | 01318906 / 02 |               | 2709244           | 04.03.2021                | 2:1   |
| page 5 of 5 |               | document-type |                   | TECDOC 2D_Productdrawing  |       |
|             |               | description   |                   | ME 22,5 OT-MSTBO SET KMGY |       |