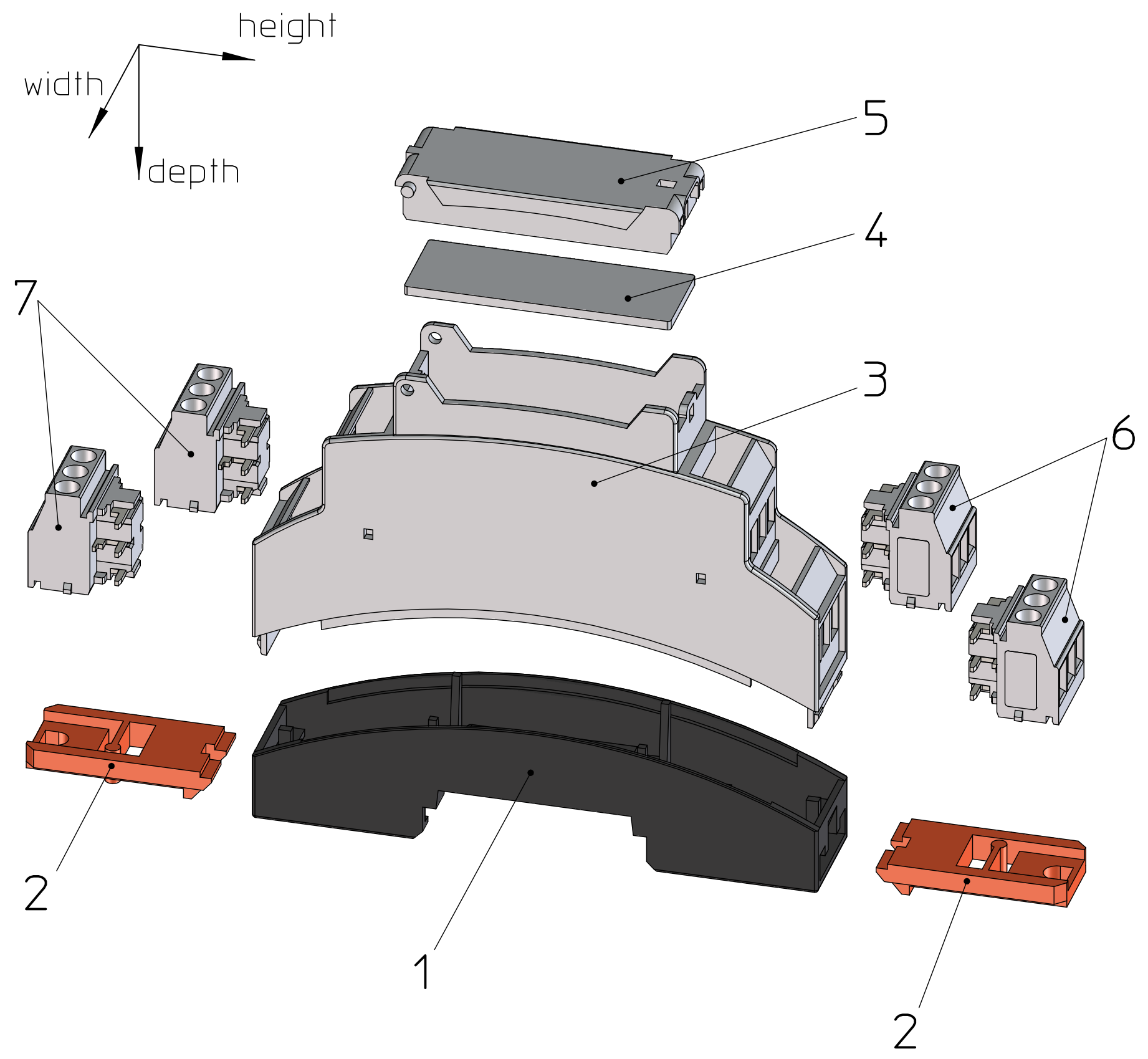
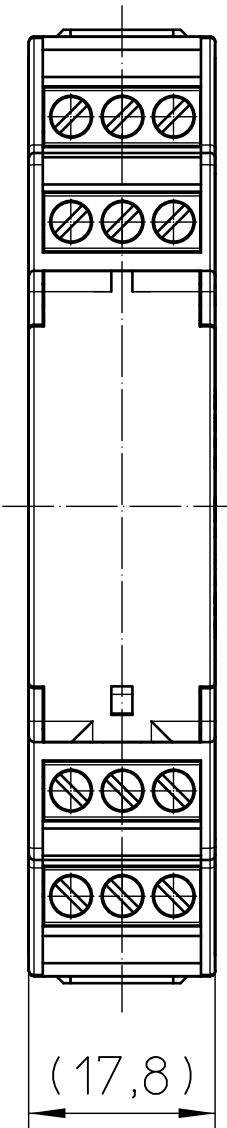
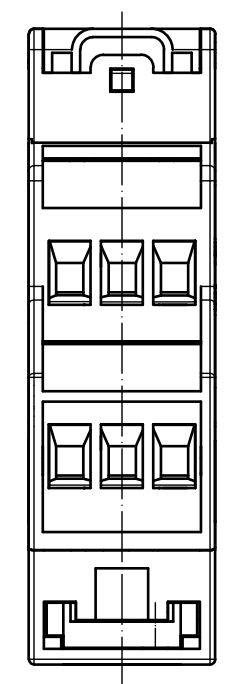
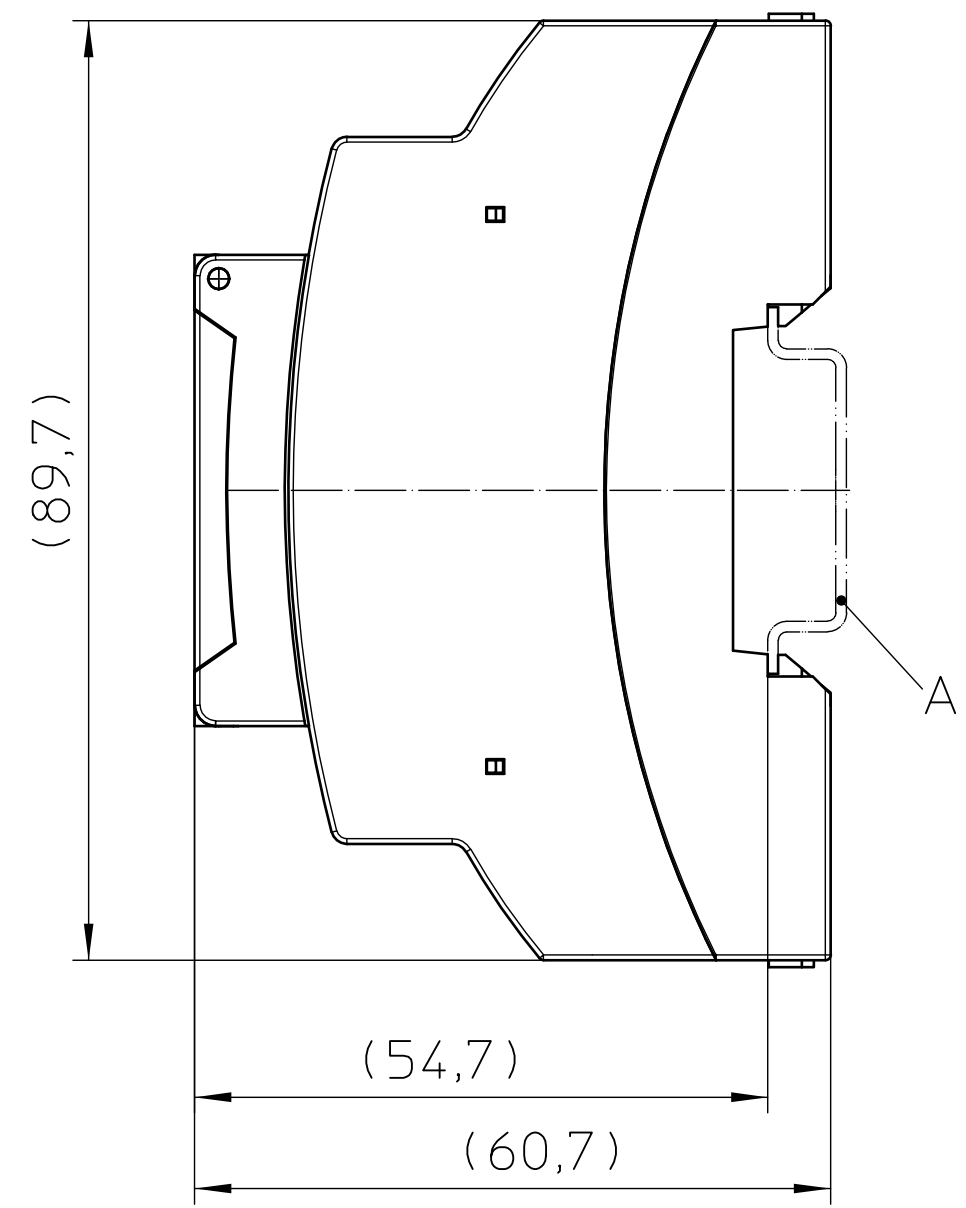
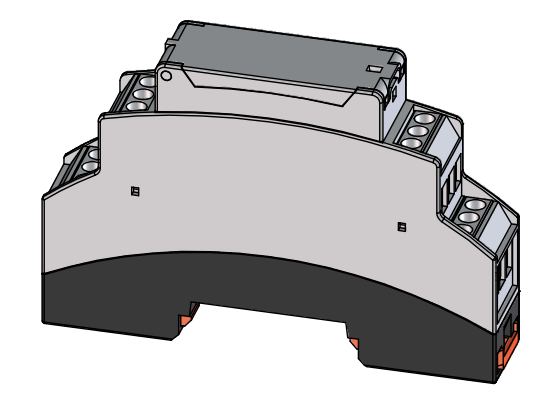


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Assembly example

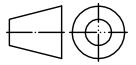


General Information:

- 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

Additional Information:

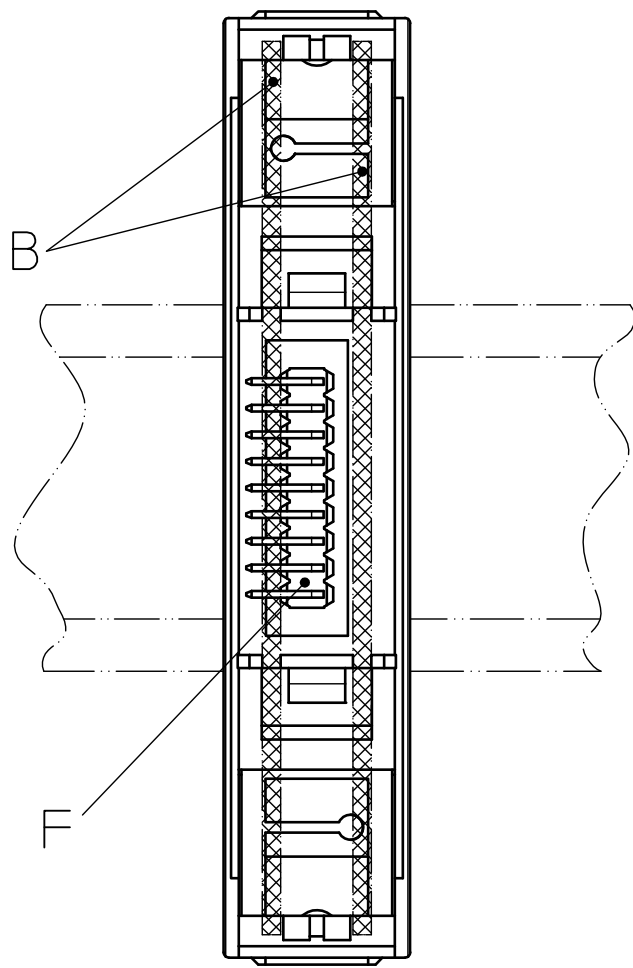
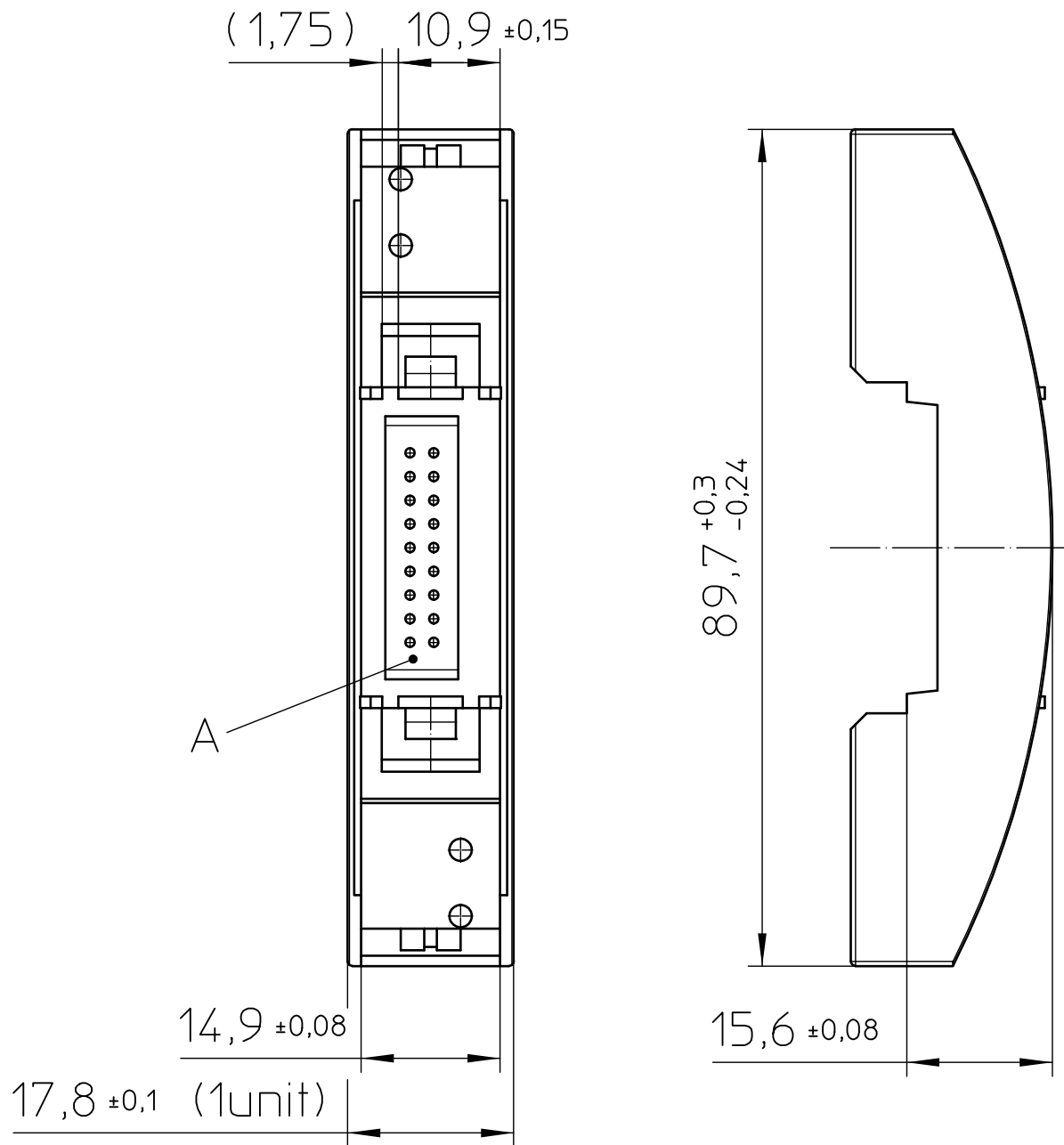
A) Mounting rail like EN 60715, TH 35-7,5 or mounting rail similar to EN 60715, TH 35-15x1,5

KIT (not mounted)				
Pos.	QTY	Description		
1	1	HOUSING LOWER PART		
2	2	FOOT CATCH		
3	1	HOUSING UPPER PART		
4	1	PLATE		
5	1	COVER		
6	2	CONNECTOR MKDSO L		
7	2	CONNECTOR MKDSO R		
 DIN A3		document-No. / RI 01371387 / 00		date 20.07.2021
				scale 1:1
		ident.-No. 1311001		
		document-type TECDOC 2D_Productdrawing		
		description BC 17,8-KIT-MKDSO-7035+4MKDS03		
page 1 of 7				

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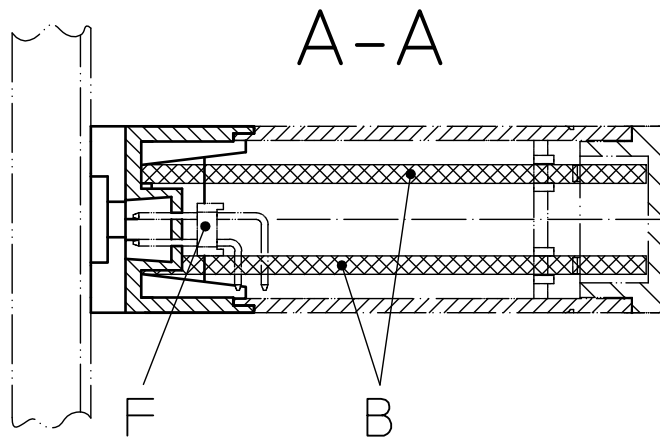
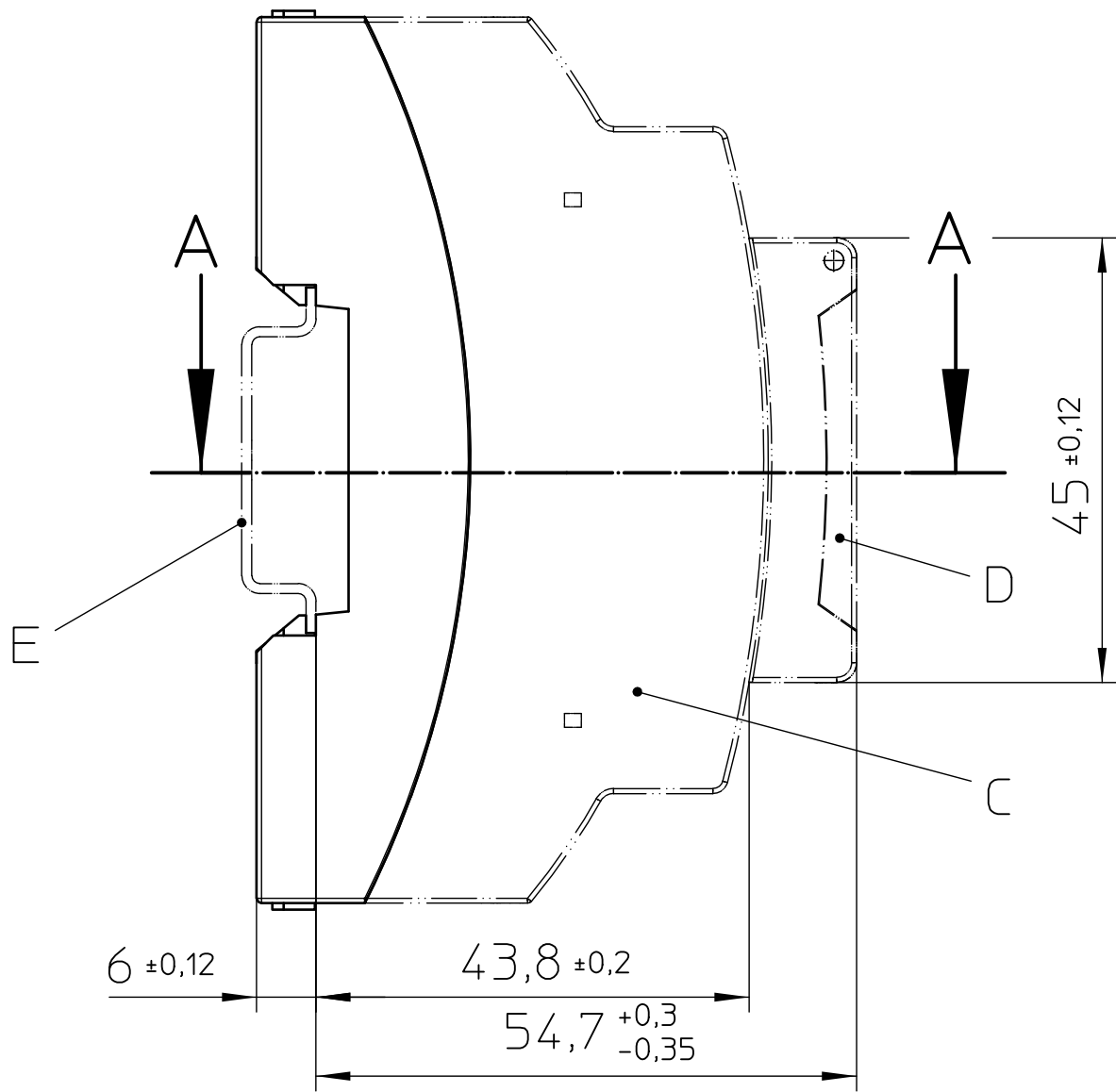
Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patent-, Gebrauchsmuster- oder Designeintragung vorbehalten.

HOUSING LOWER PART

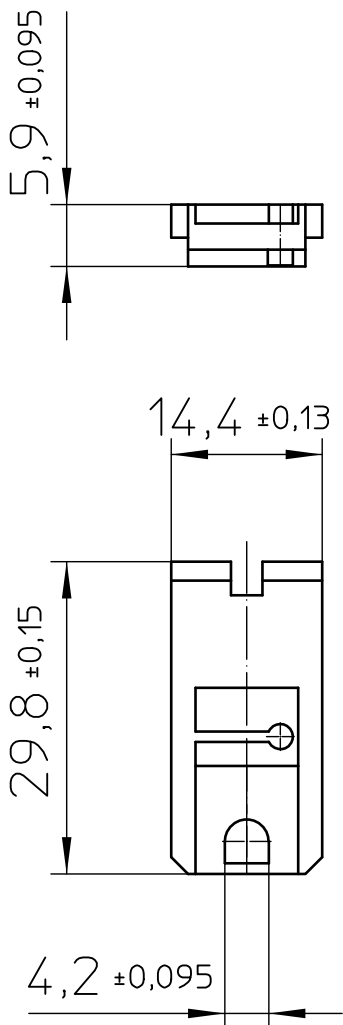


ASSEMBLY EXAMPLE

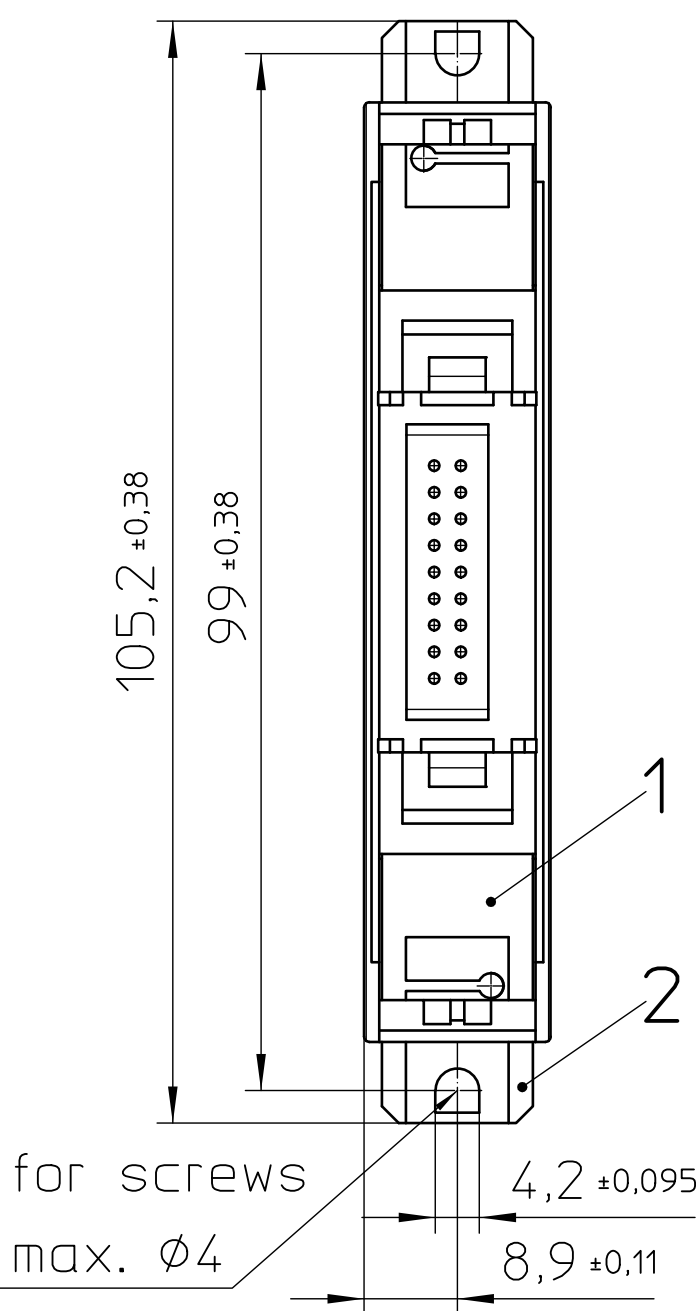
Overall dimensions complaint DIN 43880



FOOT CATCH



WALL MOUNTING



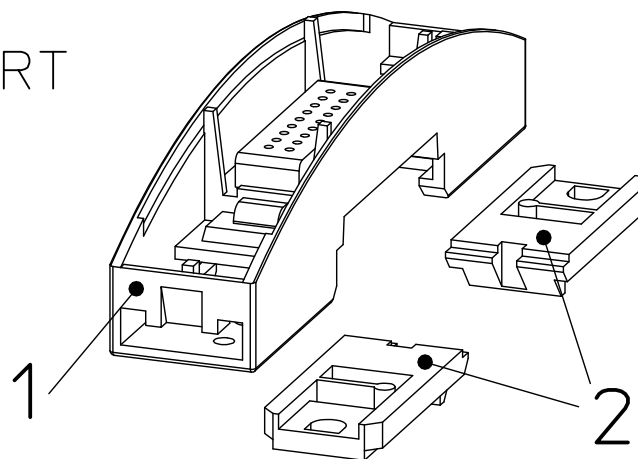
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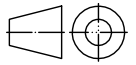
- Simplified representation
- Document excluded from change process
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Web: www.phoenixcontact.com webcode: #0311

Additional Information:

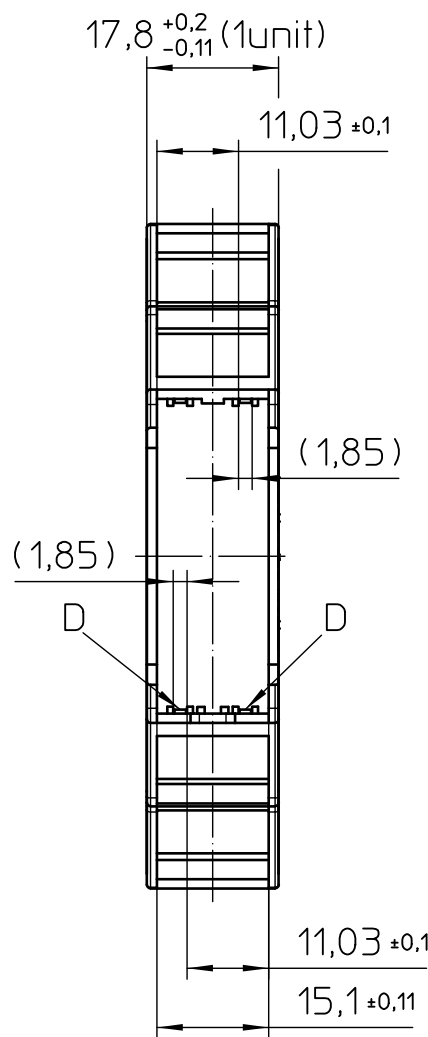
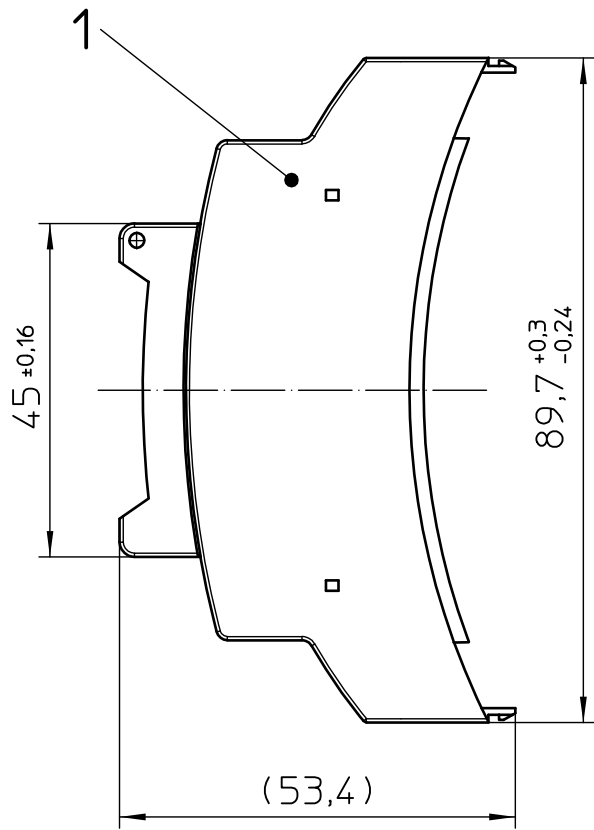
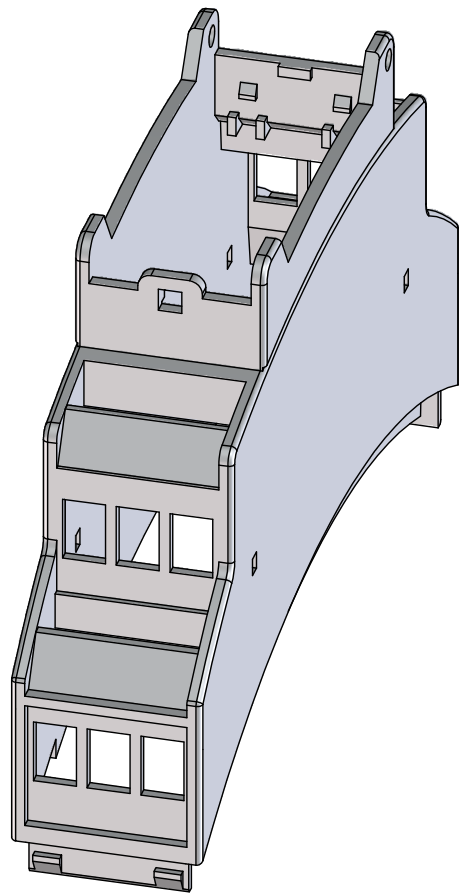
- A. HBUS connector
- B. PCB
- C. Housing upper part
- D. Cover
- E. Mounting rail like EN 60715: TH 35-7,5 or mounting rail TH 35-15x1,5 similar to EN 60715
- F. Plug for HBUS, (PSTD 0,65x0,65/9-H-2,54)

HOUSING LOWER PART
with FOOT CATCH
not mounted



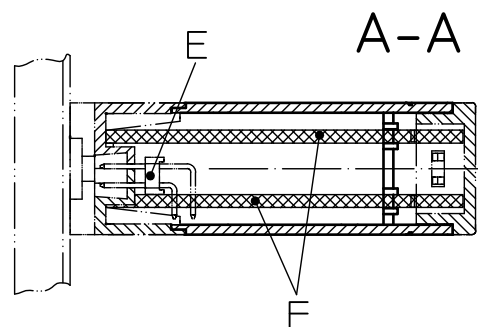
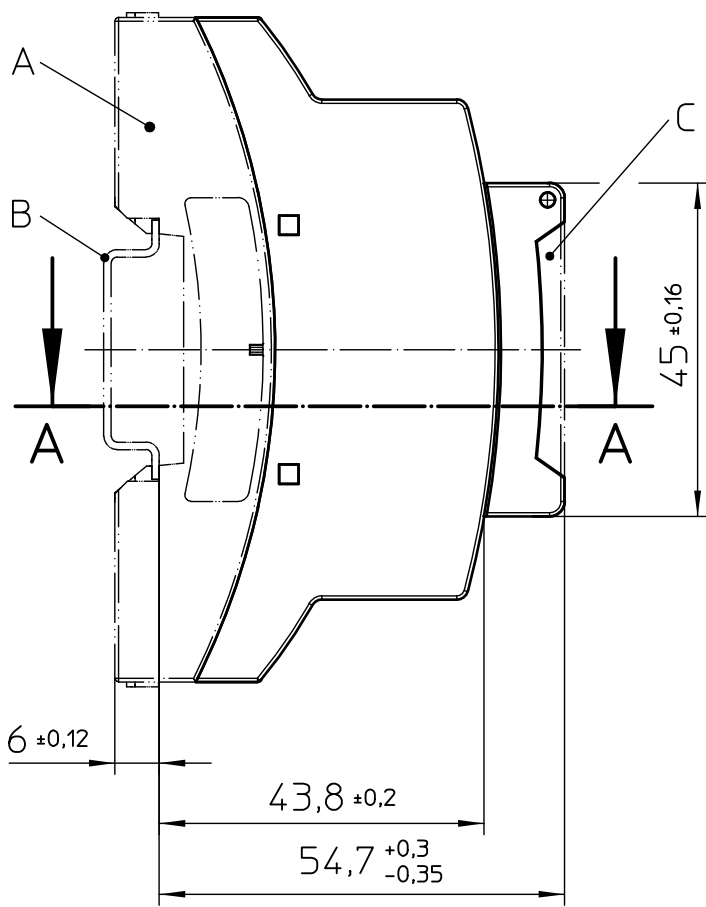
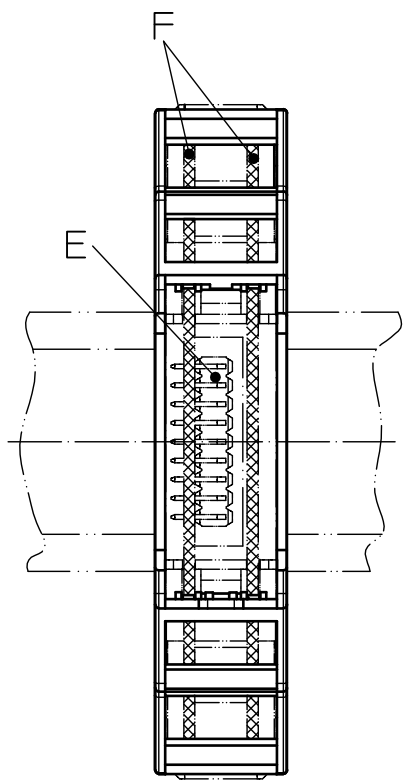
KIT (not mounted)				
Pos.	QTY	Description	Material	
1	1	HOUSING LOWER PART	PC	
2	2	FOOT CATCH	POM	
 DIN A3		document-No. / RI 01371387 / 00	date 20.07.2021	scale 1:1
		ident.-No. 1311001	document-type TECDOC 2D_Productdrawing	
		description BC 17,8-KIT-MKDS0-7035+4MKDS03		
		page 2 of 7		

HOUSING UPPER PART

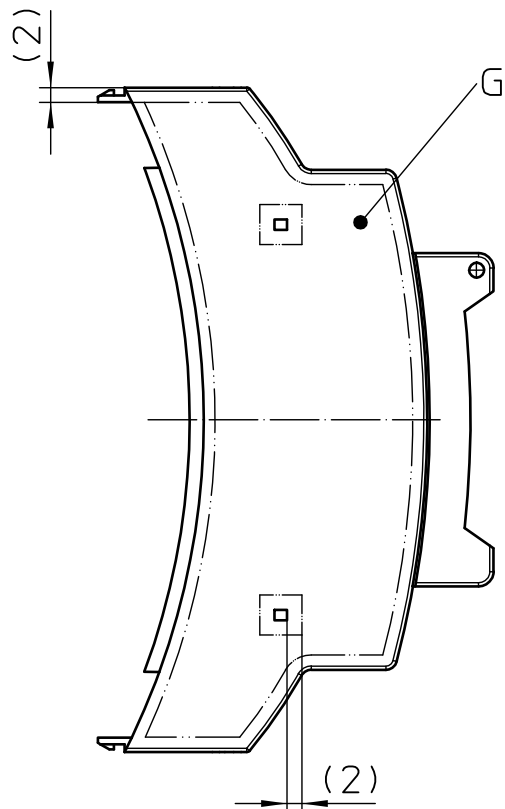
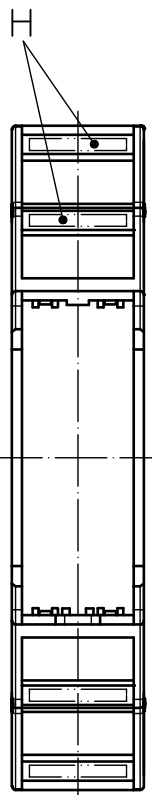
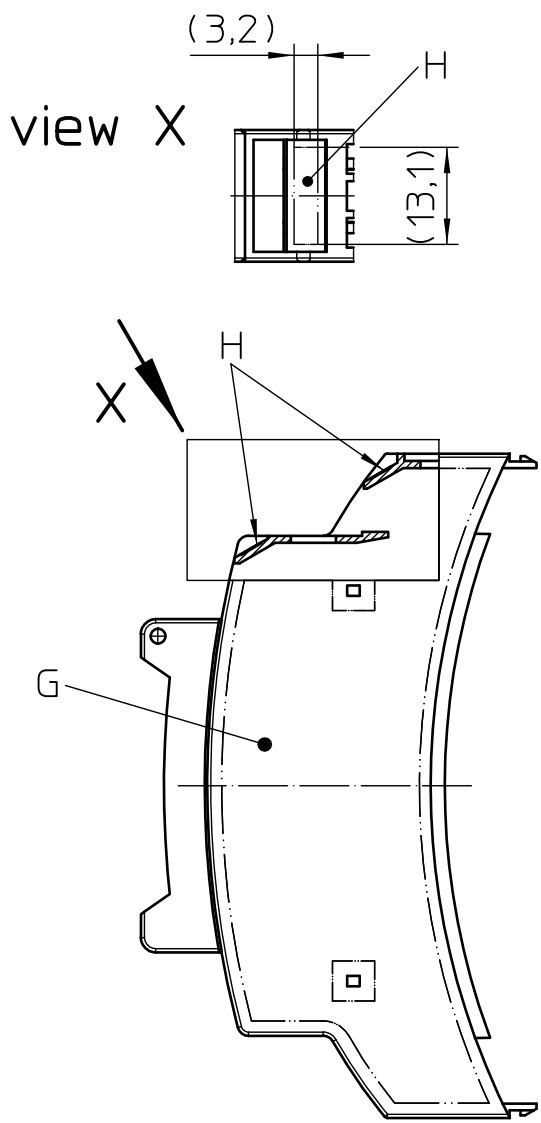


Assembly example

Overall dimensions complaint DIN 43880



Marking area

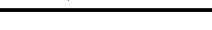


General Information:

- 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
- Workpiece zero point for mechanical processing
- Tolerances for mechanical processing are ISO 2768-mK
- Tolerances for printing DIN ISO 2768-m
- Machining radii min. R1, further on request
- Web: www.phoenixcontact.com webcode: #0311

Additional Information:

- A. Housing lower part
- B. Mounting rail like EN 30715: TH 35-7,5 or mounting rail TH 35-15x1,5 similar to EN 60715
- C. Cover
- D. PCB guidance
- E. Plug for HBUS (PSTD 0,65X0,65/9-H-2,54)
- F. PCB vertical
- G. Marking area for pad printing and laser printing.
The marking area has 2mm distance from all contours of this face.
- H. Marking area for pad printing and laser printing.

Pos.	QTY	Description	Material			
1	1	HOUSING UPPER PART	PC			
		DIN A2	document-No. / RI		date	scale
			01371387 / 00		20.07.2021	1:1
		ident.-No.	document-type			
		1311001	TECDOC 2D_Productdrawing			
		description				
page 3		of 7	BC 17,8-KIT-MKDS0-7035+4MKDS03			

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1

2

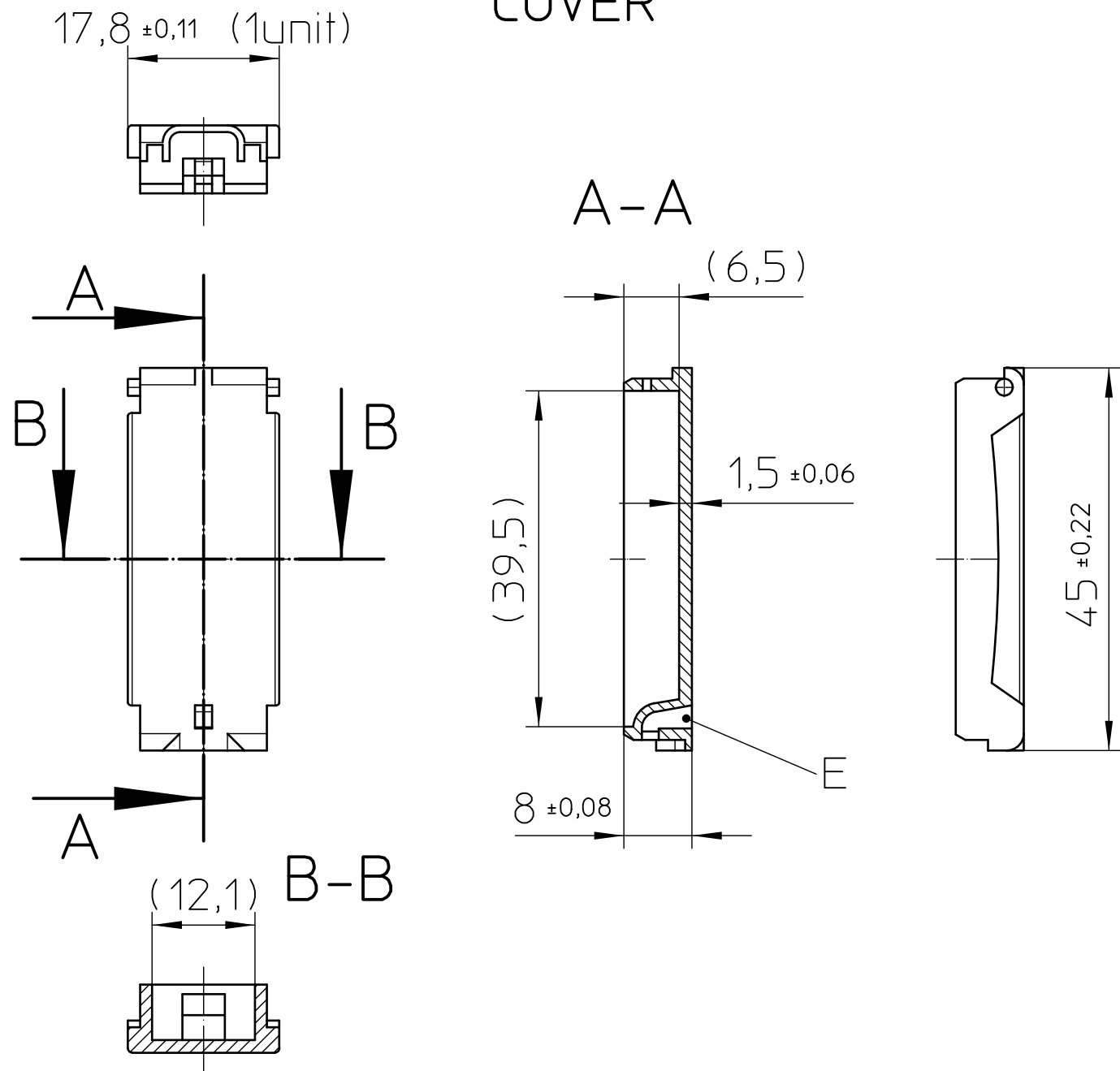
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4

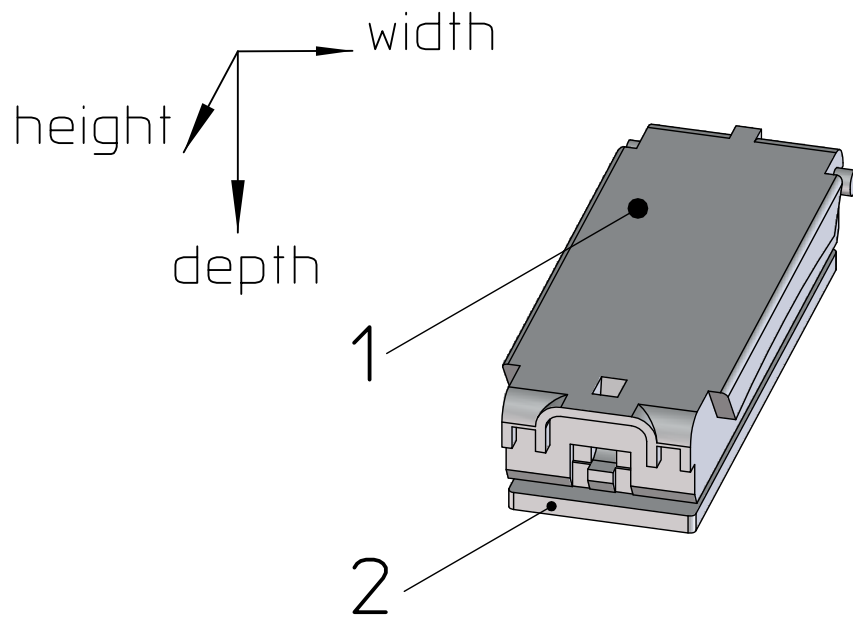
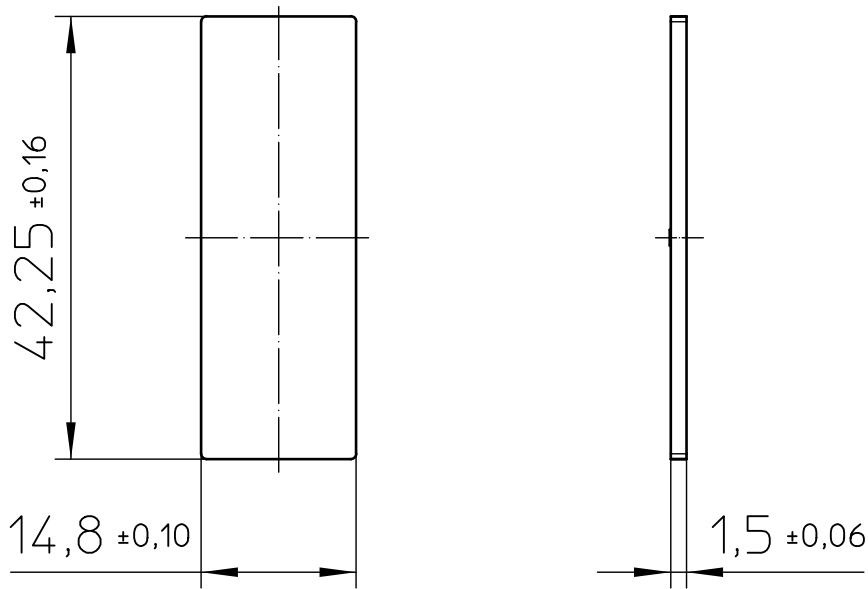
5

6

COVER

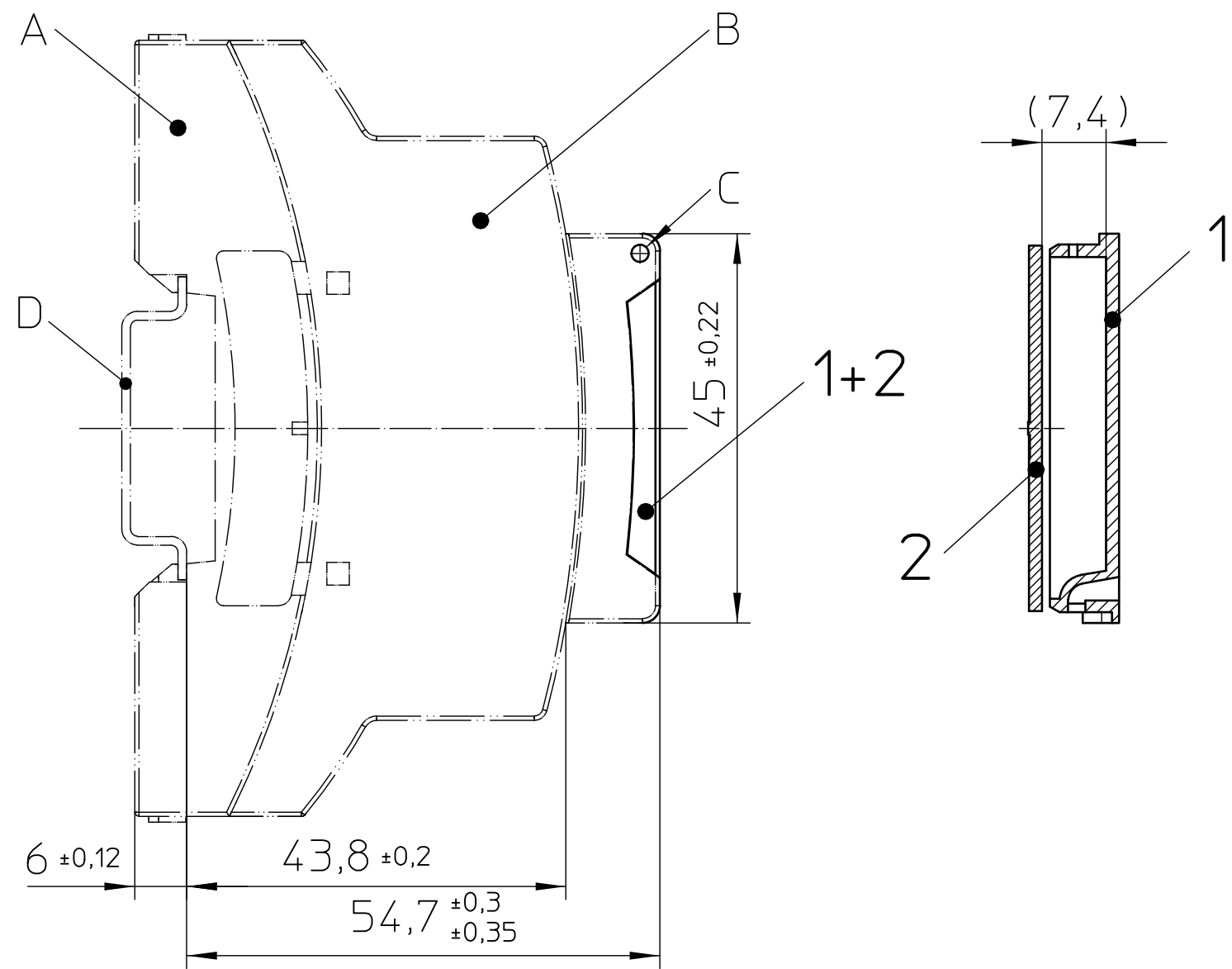


PLATE



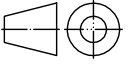
Assembly example

Overall dimensions complaint DIN 43880



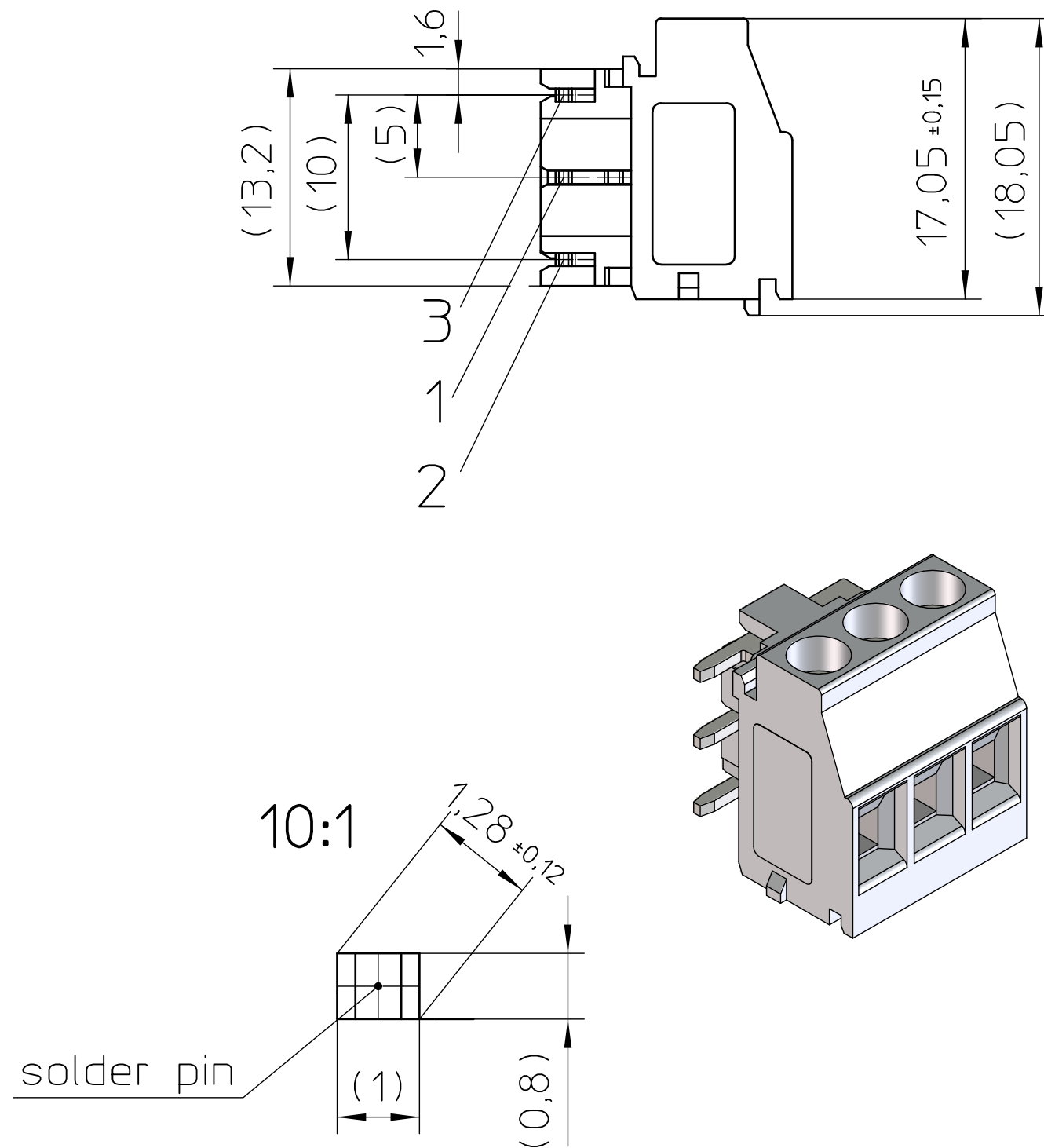
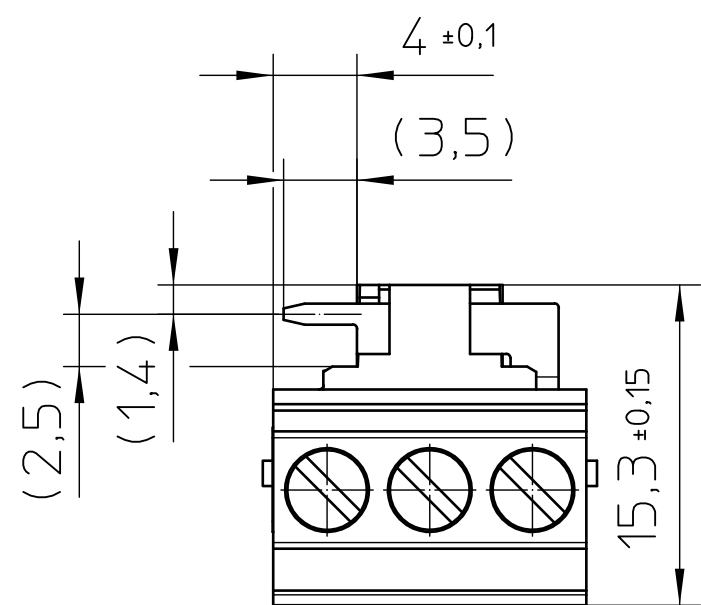
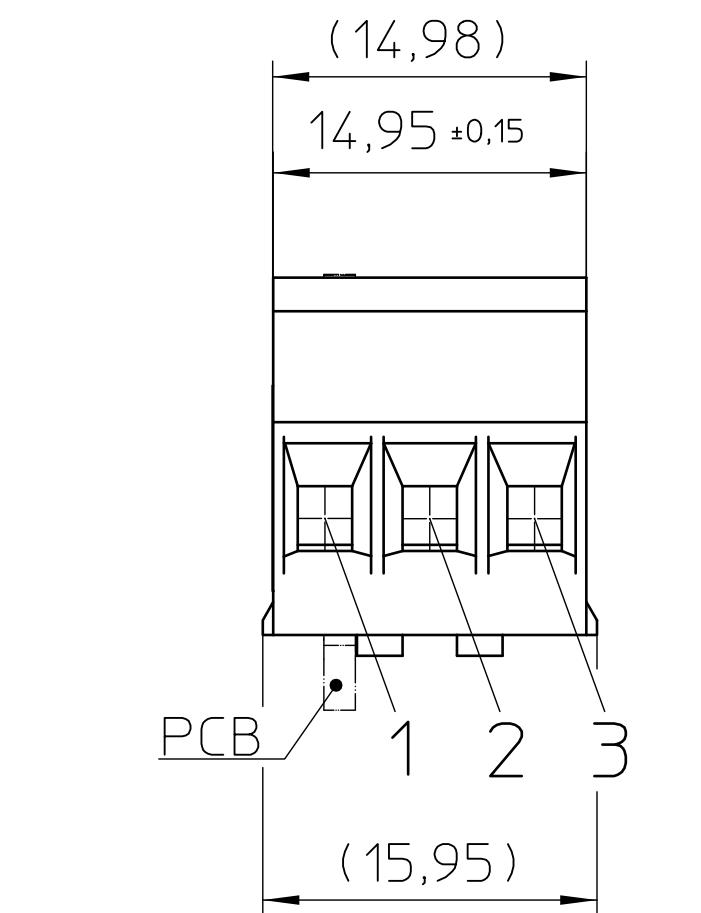
- General information:
- Simplified representation, exemplary shown in gray.
 - Document excluded from change process
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2,
 - Further information: www.phoenixcontact.com webcode: #0311

- Additional information:
- A. Housing lower part BC 17,8 UT HBUS...
 - B. Housing upper part BC 17,8 OT...
 - C. pivot point
 - D. Mounting rail like EN 60715: TH 35-7,5 or mounting rail TH 35-15x1,5 similar to EN 60715
 - E. Hole for sealing

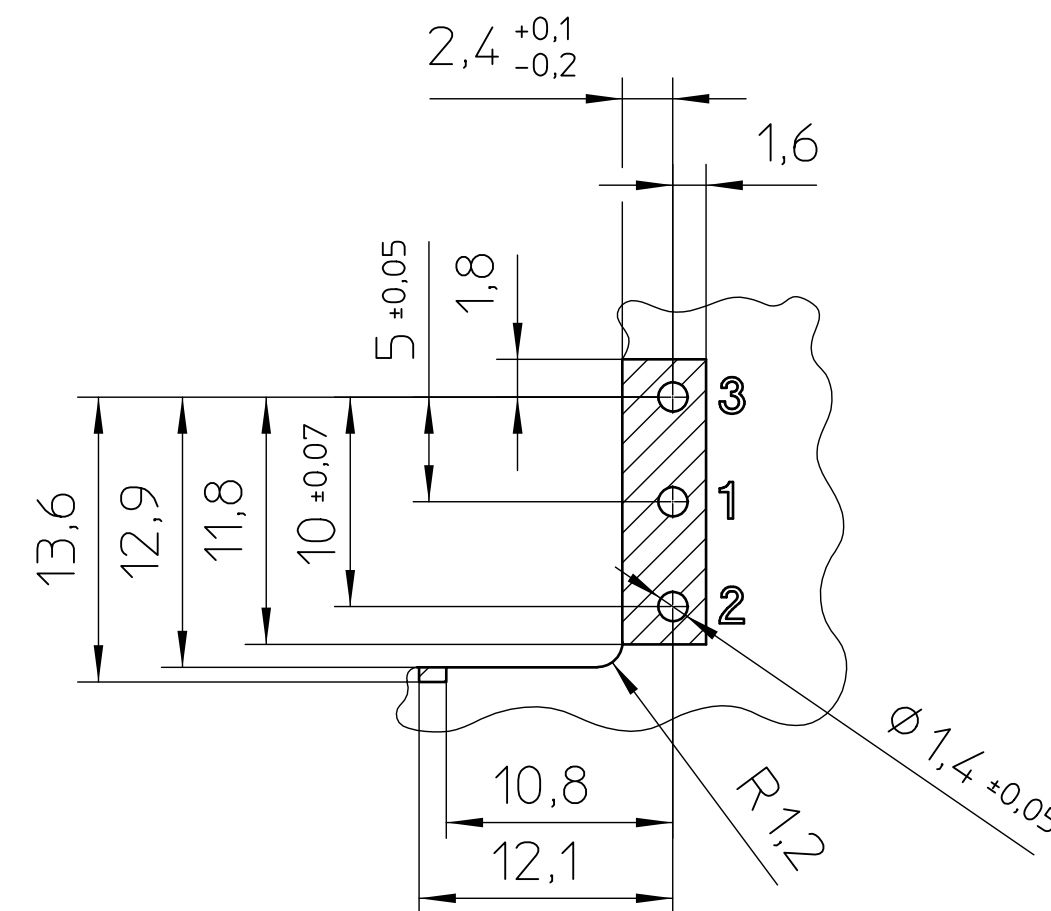
KIT (not mounted)			
Pos.	QTY	Description	Material
1	1	COVER	PC
2	1	PLATE	PC
 DIN A3		document-No. / RI 01371387 / 00	date 20.07.2021
		ident.-No. 1311001	document-type TECDOC 2D_Productdrawing
page 4 of 7		description BC 17,8-KIT-MKDS0-7035+4MKDS03	
scale 1:1			

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recommended PCB drilling plan
view: component side



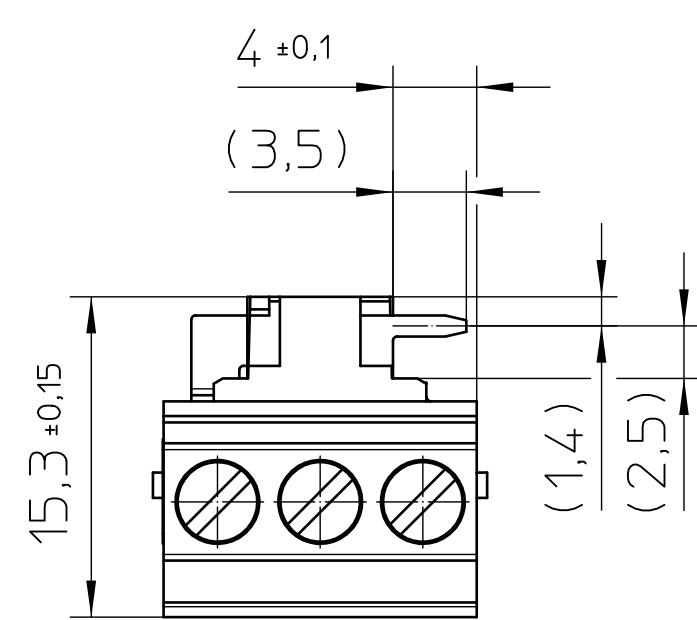
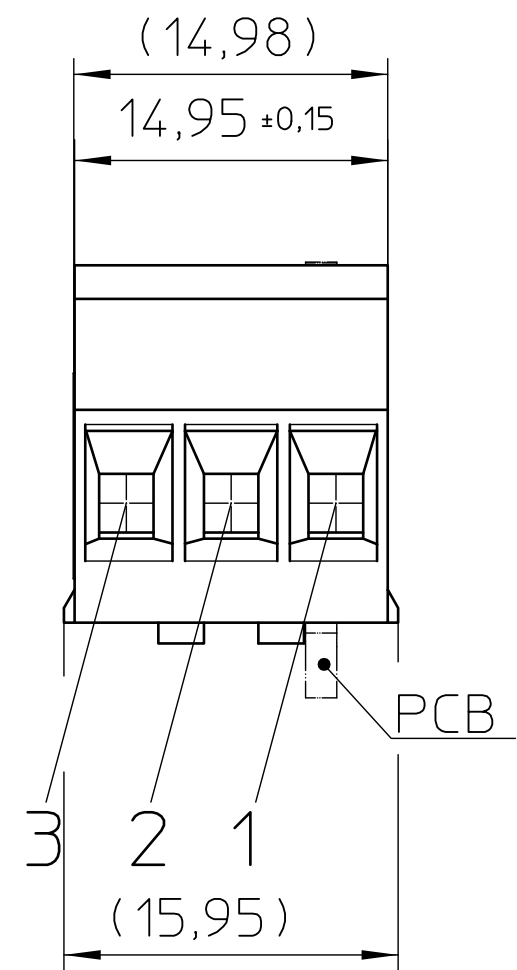
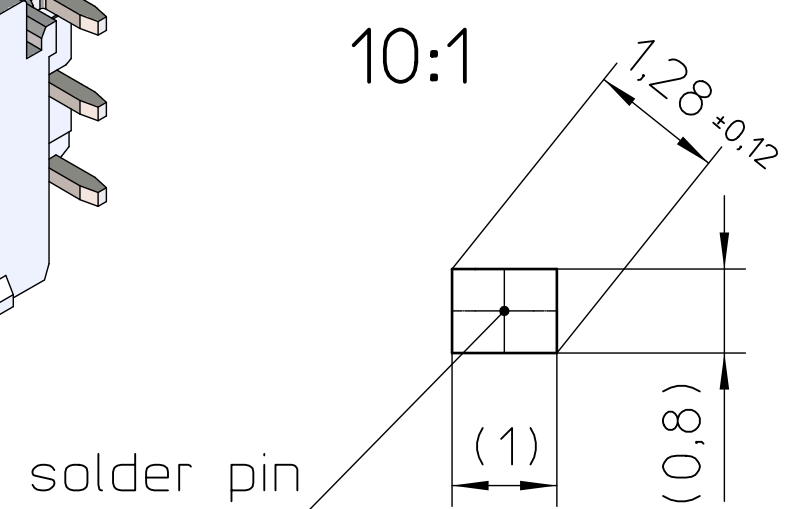
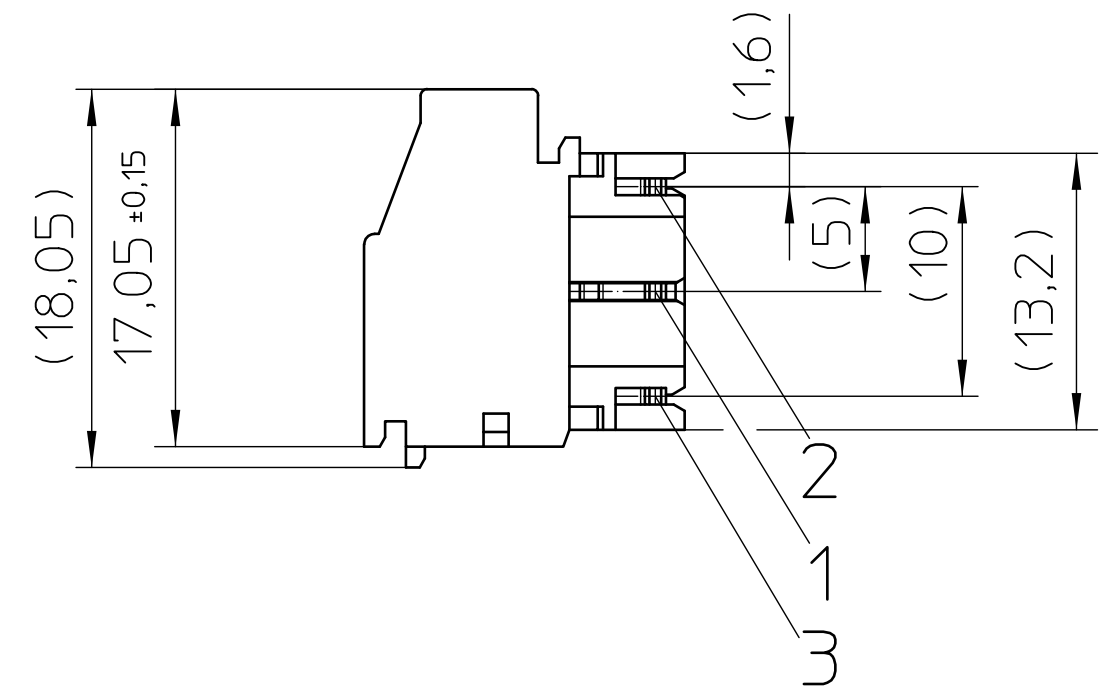
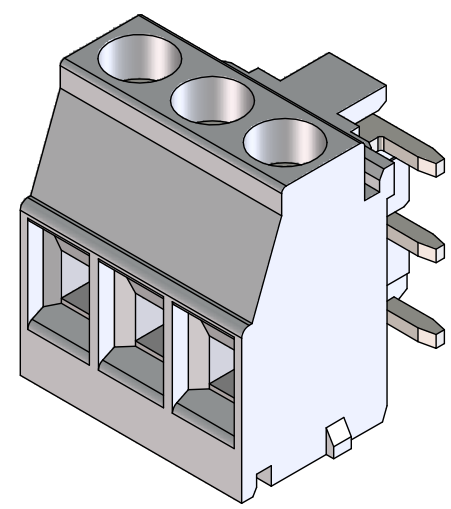
General tolerances:
dimensions ≤ 30: ±0,1/R±0,2/±1°
dimensions > 30: ±0,15/R±0,2/±1°
symmetry: 0,2

- General Information
- Simplified representation, exemplary shown in gray
 - Restricted area
 - Document excluded from change process
 - CAD Data see Download-Center on 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.

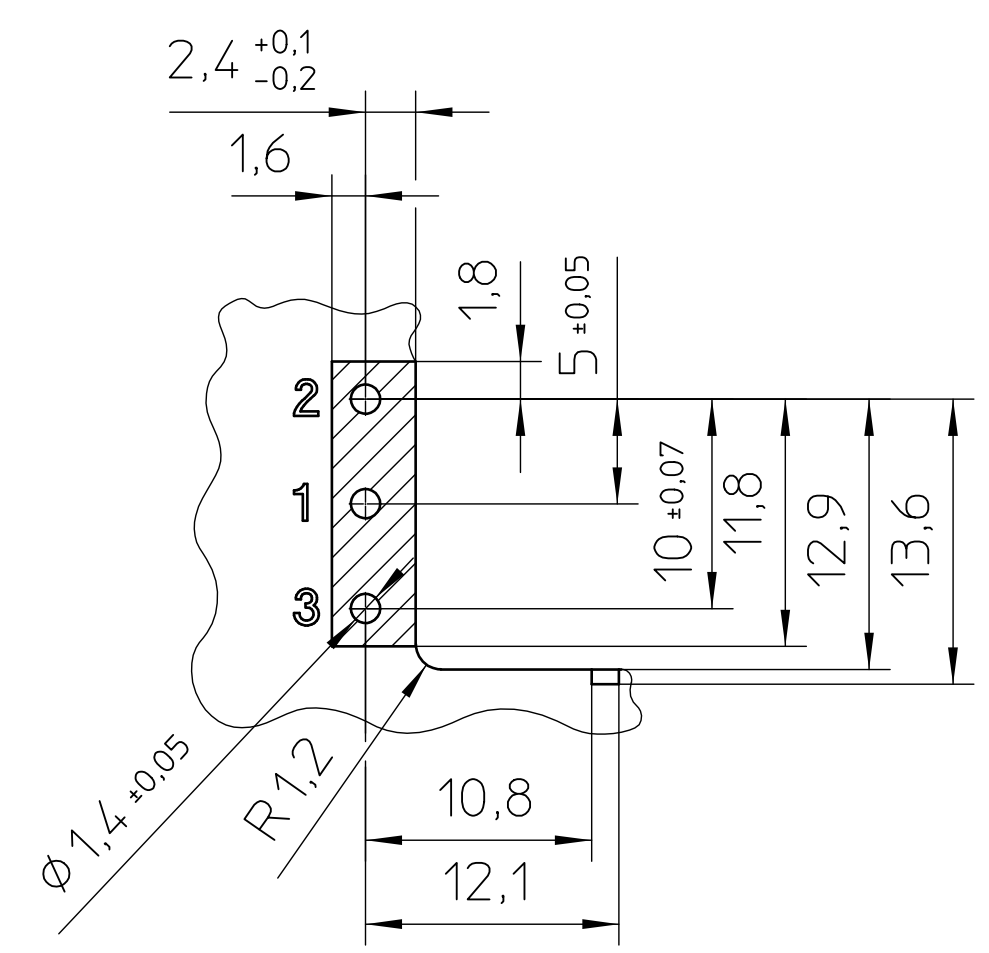
	document-No. / RI		date	scale
	01371387 / 00		20.07.2021	2:1
	ident.-No.	document-type		
	1311001	TECDOC 2D_Productdrawing		
page 5 of 7		description		
		BC 17,8-KIT-MKDS0-7035+4MKDS03		

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recommended PCB drilling plan
view: component side

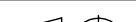


General tolerances:

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

General Information

- Simplified representation, exemplary shown in gray
- Restricted area
- Document excluded from change process
- CAD Data see Download-Center on 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.

 DIN A3		document-No. / RI 01371387 / 00		date 20.07.2021	scale 2:1
		ident.-No. 1311001	document-type TECDOC 2D_Productdrawing		
		description BC 17,8-KIT-MKDSO-7035+4MKDSO3			
		page 6	of 7		

A

B

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A

B

C

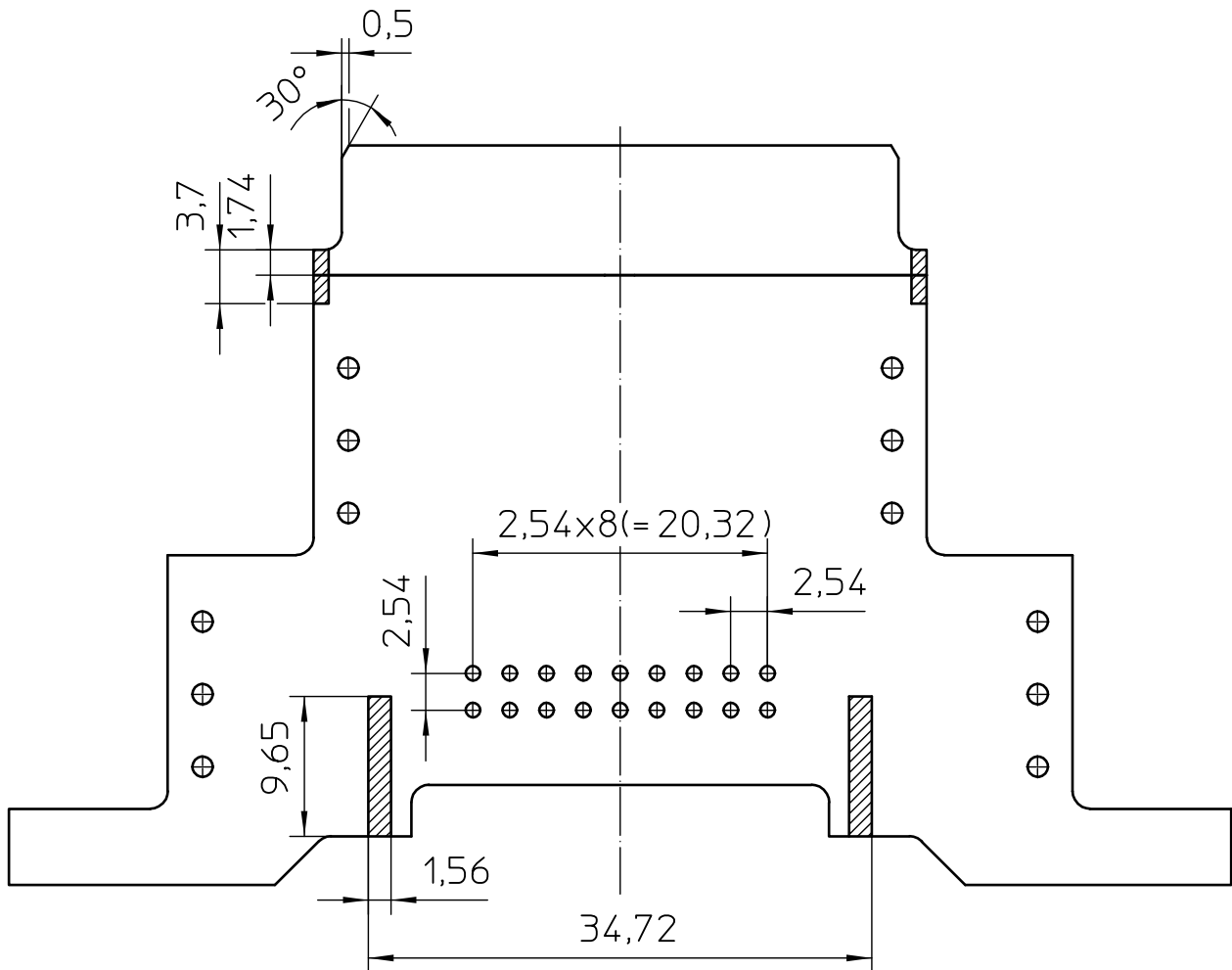
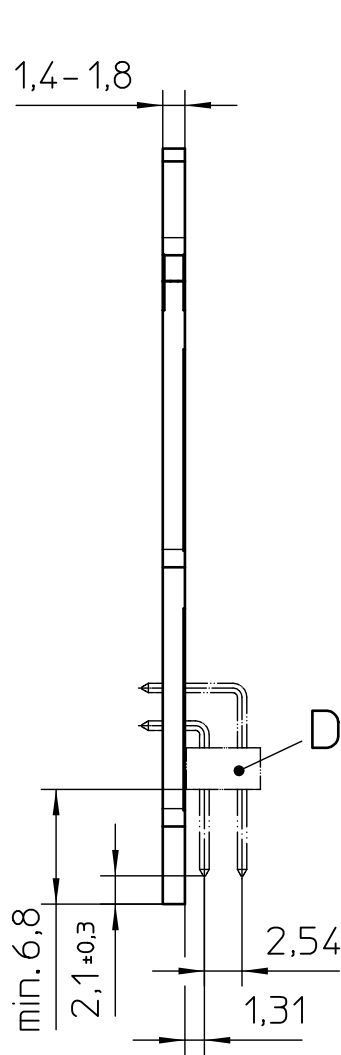
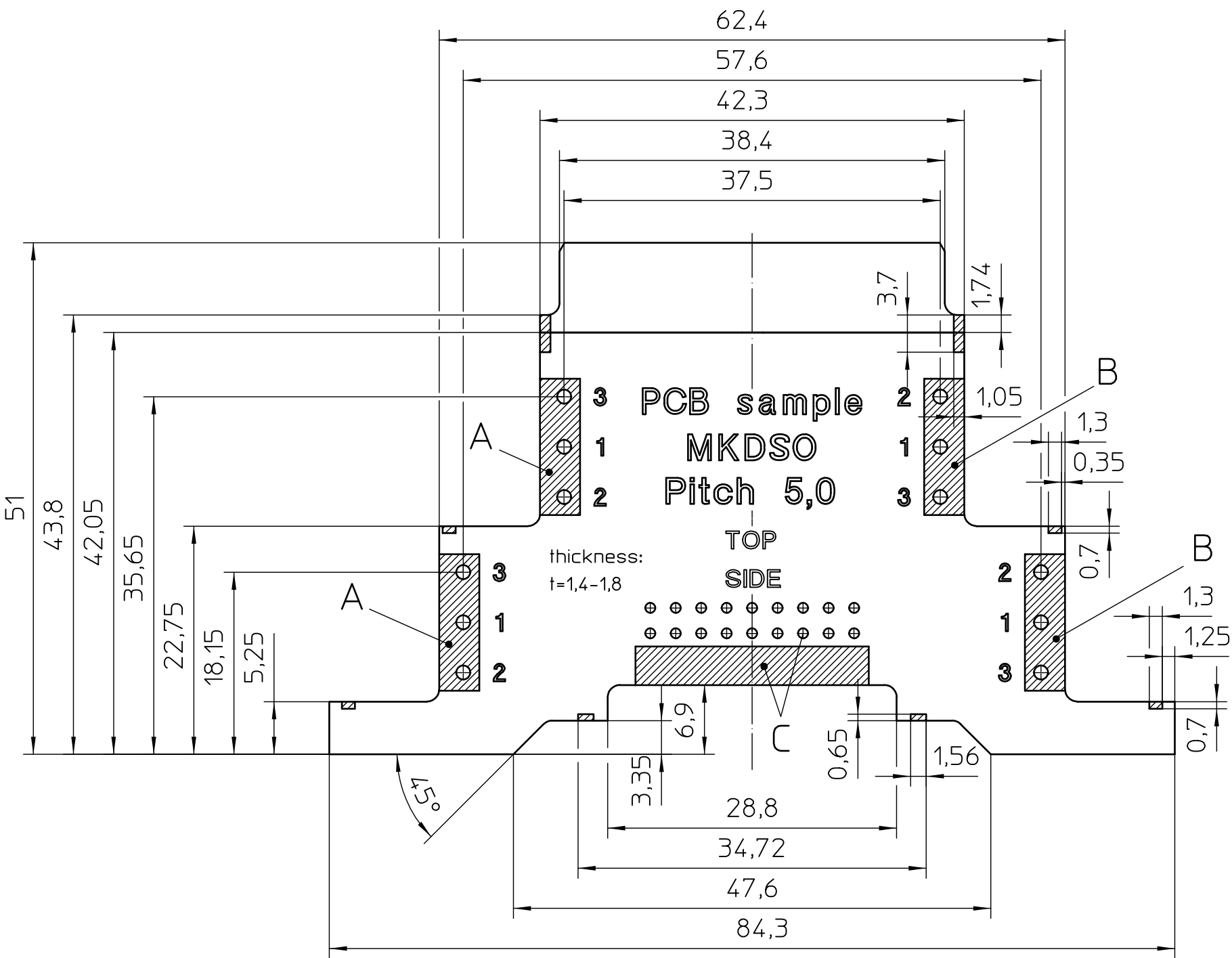
D

E

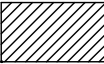
F

Recommended PCB

BC 17,8 MKDSO 2,5/3 5,0 HBUS



General Information

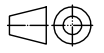
- Simplified representation
- Document excluded from change process
- CAD data see Download-Center on www.phoenixcontact.com
- TOP SIDE: Mounting side for headers
- General tolerances: dimensions ≤ 30 : $\pm 0,1/R \pm 2/\pm 1^\circ$
dimensions > 30 : $\pm 0,15/R \pm 2/\pm 1^\circ$
symmetry: 0,2
- Restricted area 
- Linear dimensions [mm]
- undimensioned radii R1,2

A) Terminal area for:
MKDSO 2,5/ 3-L

B) Terminal area for:
MKDSO 2,5/ 3-R

C) Area and drillings for optional terminal strip.

D) Terminal strip to contact HBUS... max. 2x9-pole
 $\square 0,63 \times 0,63 \text{mm}$ or $\varnothing 0,7-0,8 \text{mm}$
pitch 2,54mm
Surface: Au

 DIN A2	document-No. / RI 01371387 / 00	date 20.07.2021	scale 2:1
	ident.-No. 1311001	document-type TECDOC 2D_Productdrawing	
page 7 of 7	description BC 17,8-KIT-MKDSO-7035+4MKDS03		

1

2

3

4

5

6

7

8