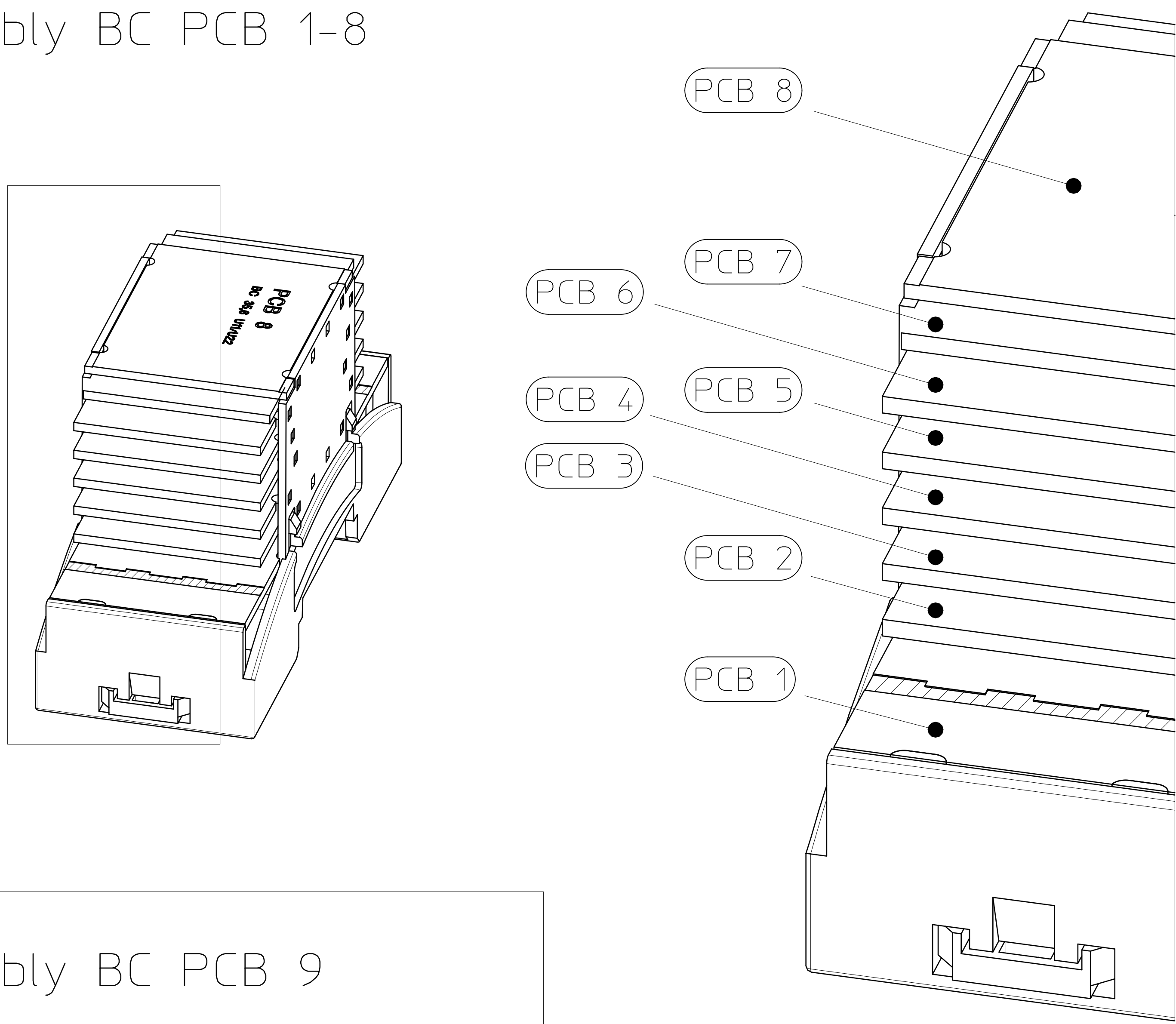


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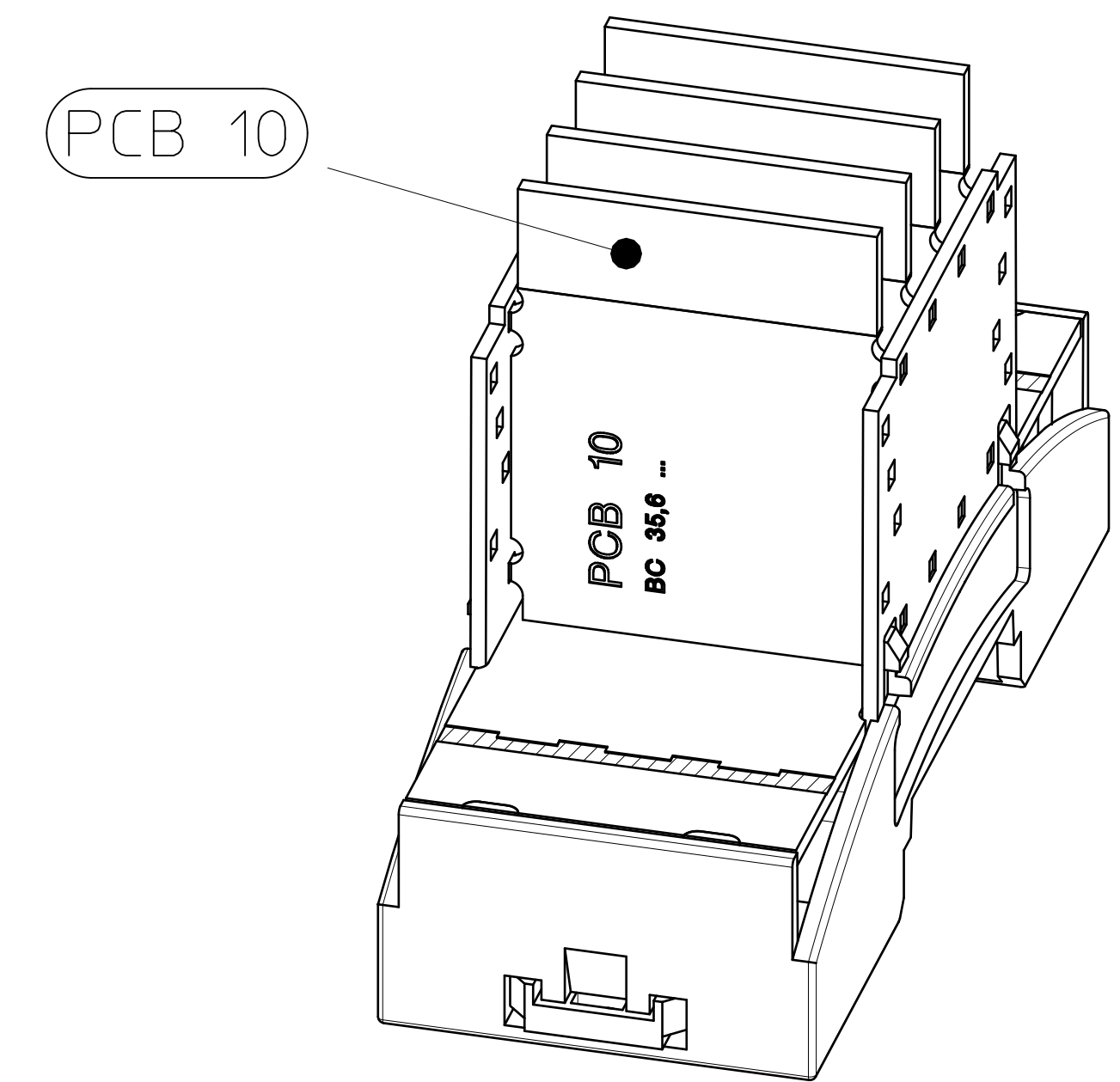
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Position of BC PCB 1-11 (Example BC 35,6 U11)

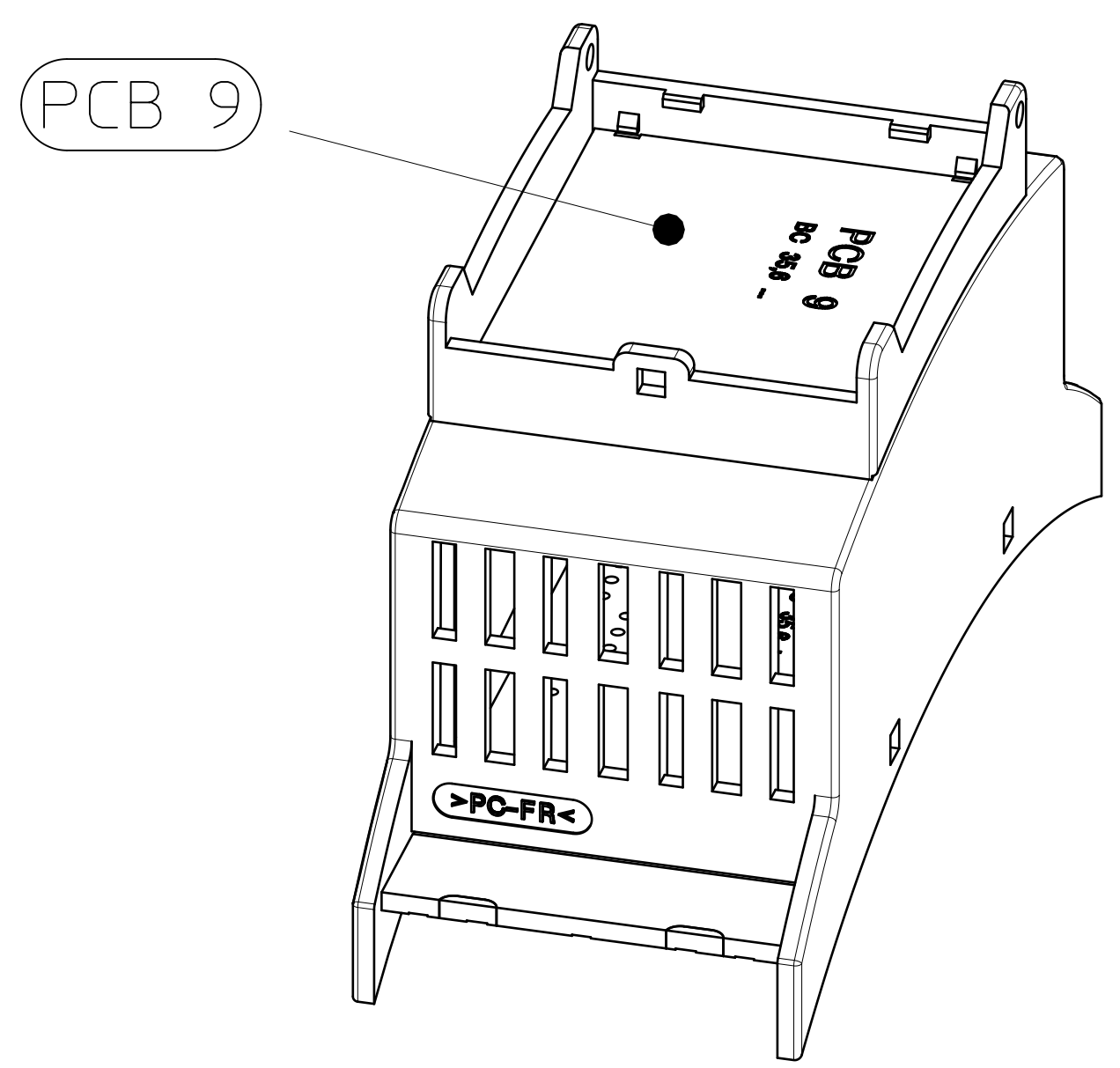
Assembly BC PCB 1-8



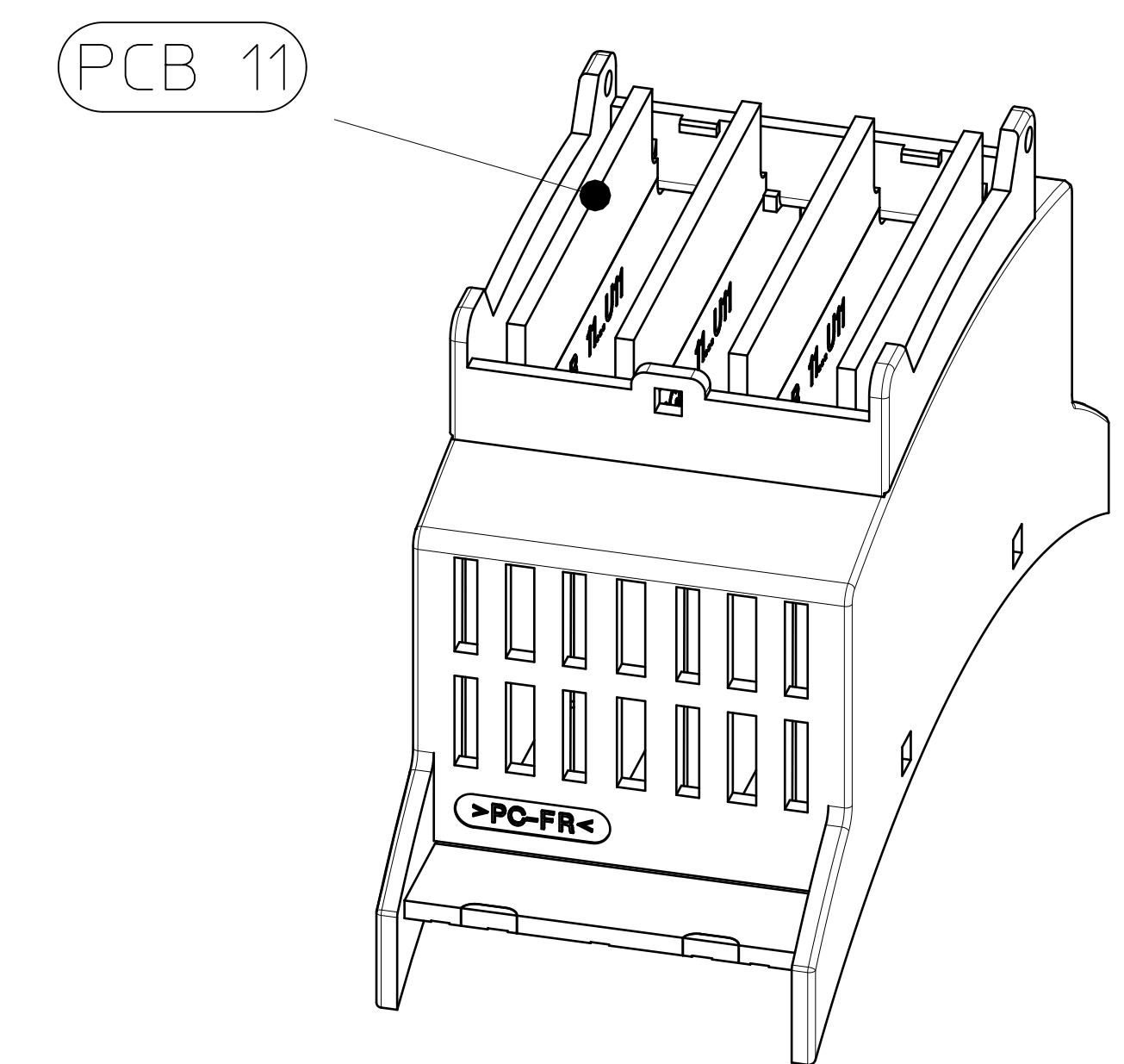
Assembly BC PCB 10

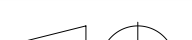


Assembly BC PCB 9



Assembly BC PCB 11



 DIN A3		document-No. / RI 01365969 / 00	date 18.03.2021	scale 1:1
		ident.-No. 1006943	document-type TECDOC 2D_PCB-Outline	
		description BC 107,6 OT U11 BK VPE80		
page 1	of 10			

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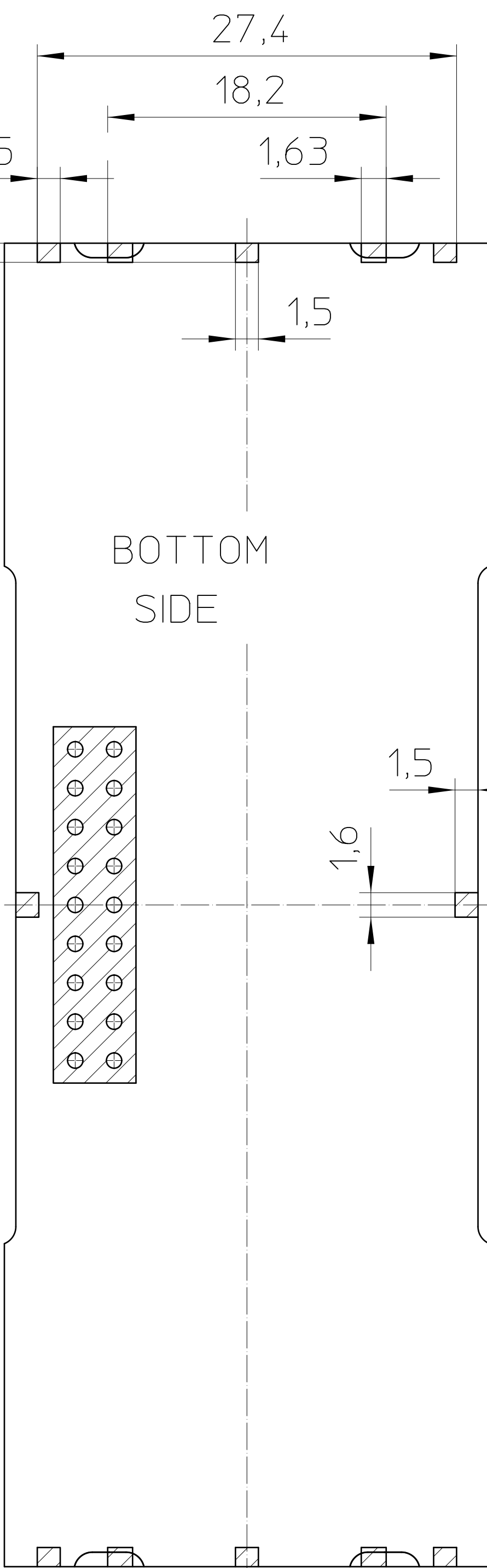
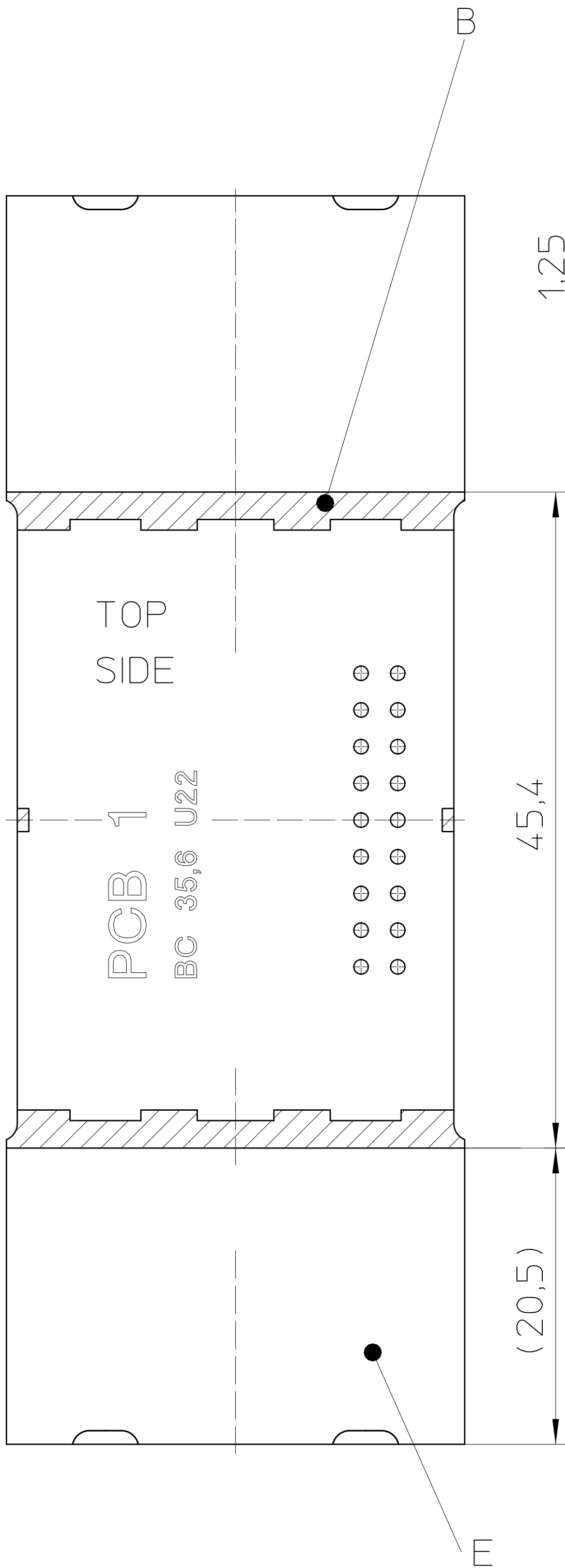
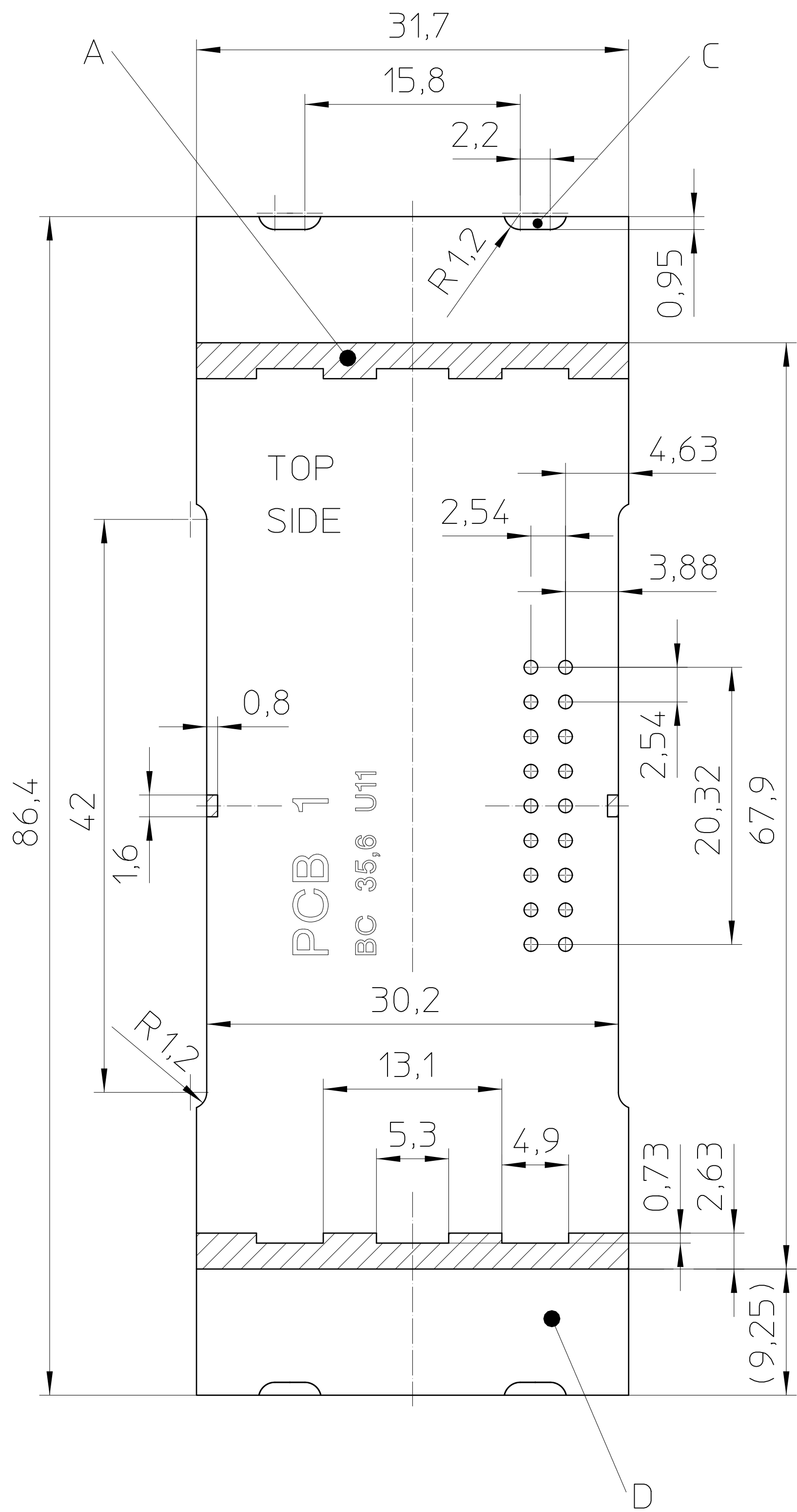
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Recommended PCB 1 BC 35,6 U11/U22

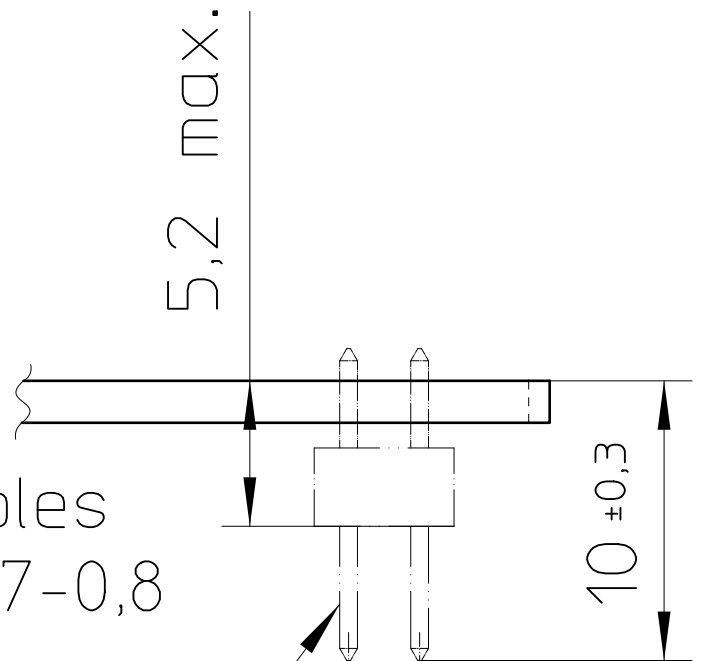
BC PCB 1 35,6 U11

BC PCB 1 35,6 U22

BC PCB 1 35,6 ...



Header max. 2x9 poles
□ 0,63x0,63 or Ø 0,7-0,8
pitch 2,54mm
surface gold plated



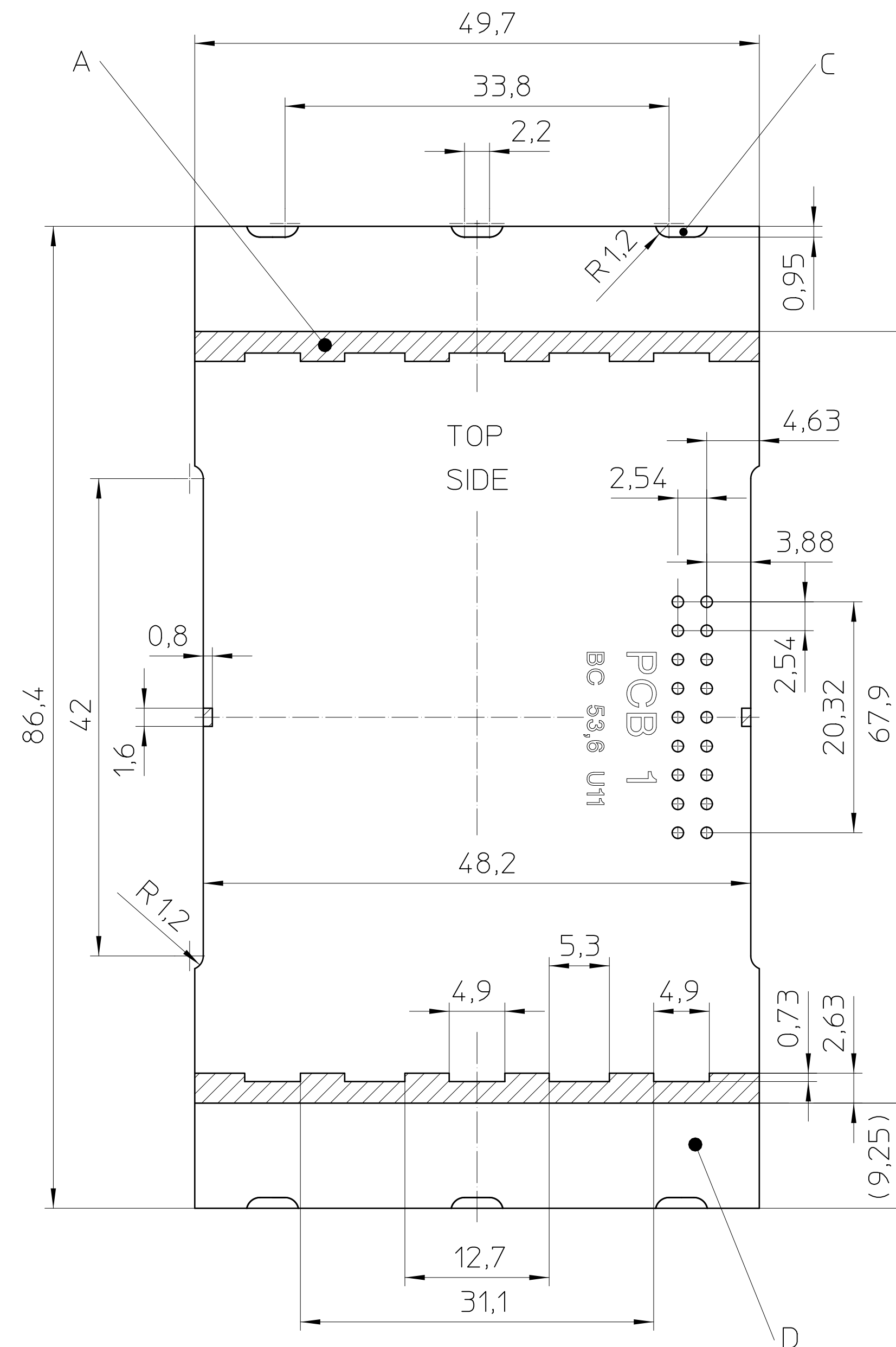
- General Information:
- Recommended PCB
 - Simplified representation
 - Document excluded from change process
 - Further information:
www.phoenixcontact.com webcode: #0311
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
 - Tolerances for PCB:
dimensions ≤ 30: ±0,10 / R±0,2 / ±1°
dimensions > 30: ±0,15 / R±0,2 / ±1°
symmetry: 0,2
 - Thickness PCB: t= 1,5 to 1,8mm
 - Restricted area, no components

- Additional Information:
- A. Blocking area for BC 35,6 OT-U11
 - B. Blocking area for BC 35,6 OT-U22
 - C. Milling outline for cover caps
 - D. Terminal installation depth =11mm
 - E. Terminal installation depth =22mm

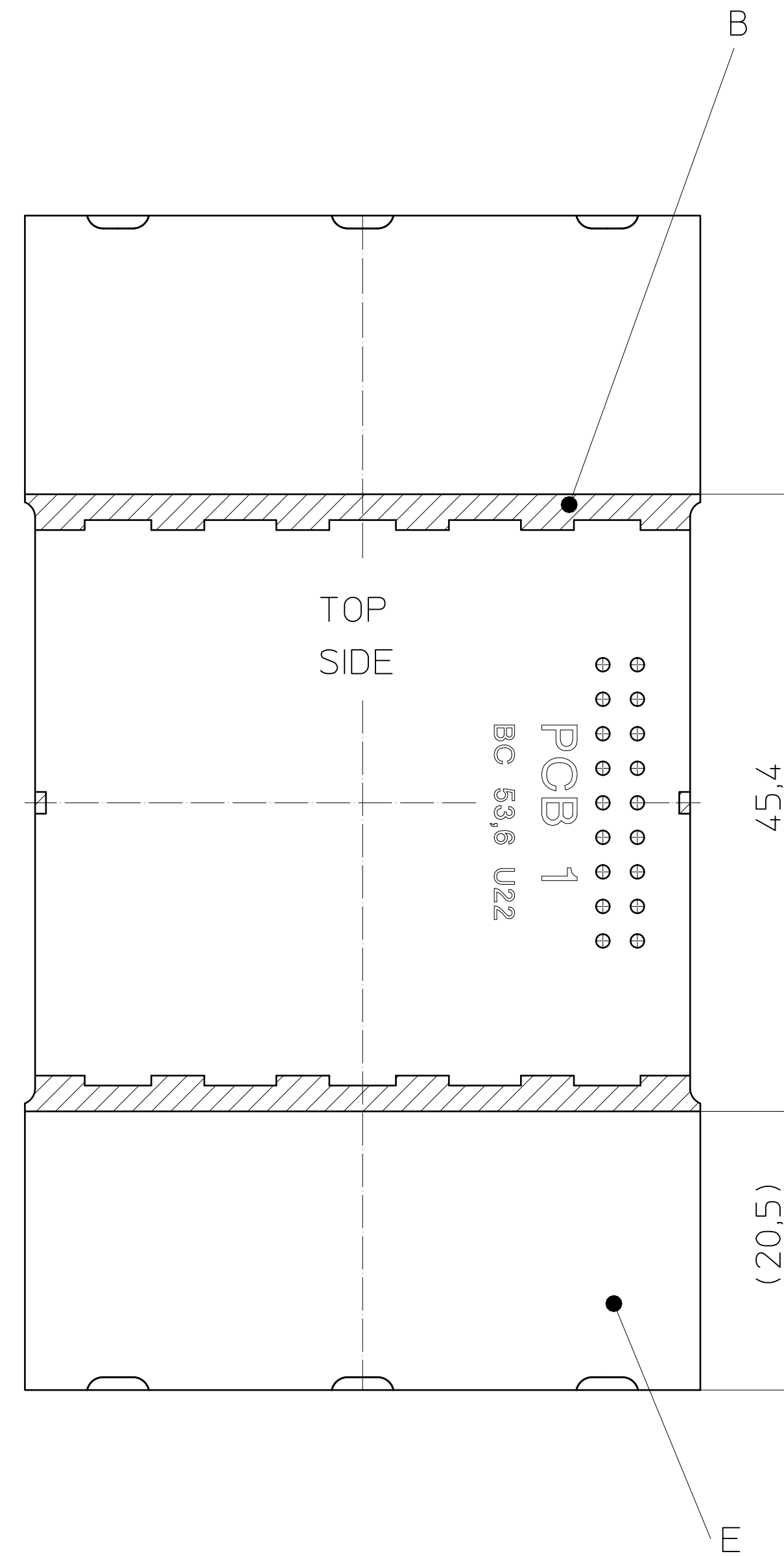
 DIN A3		document-No. / RI 01365969 / 00	date 18.03.2021	scale 2:1
		ident.-No. 1006943	document-type TECDOC 2D_PCB-Outline	
		description BC 107,6 OT U11 BK VPE80		
		page 2 of 10		

Recommended PCB 1 BC 53,6 U11/U22

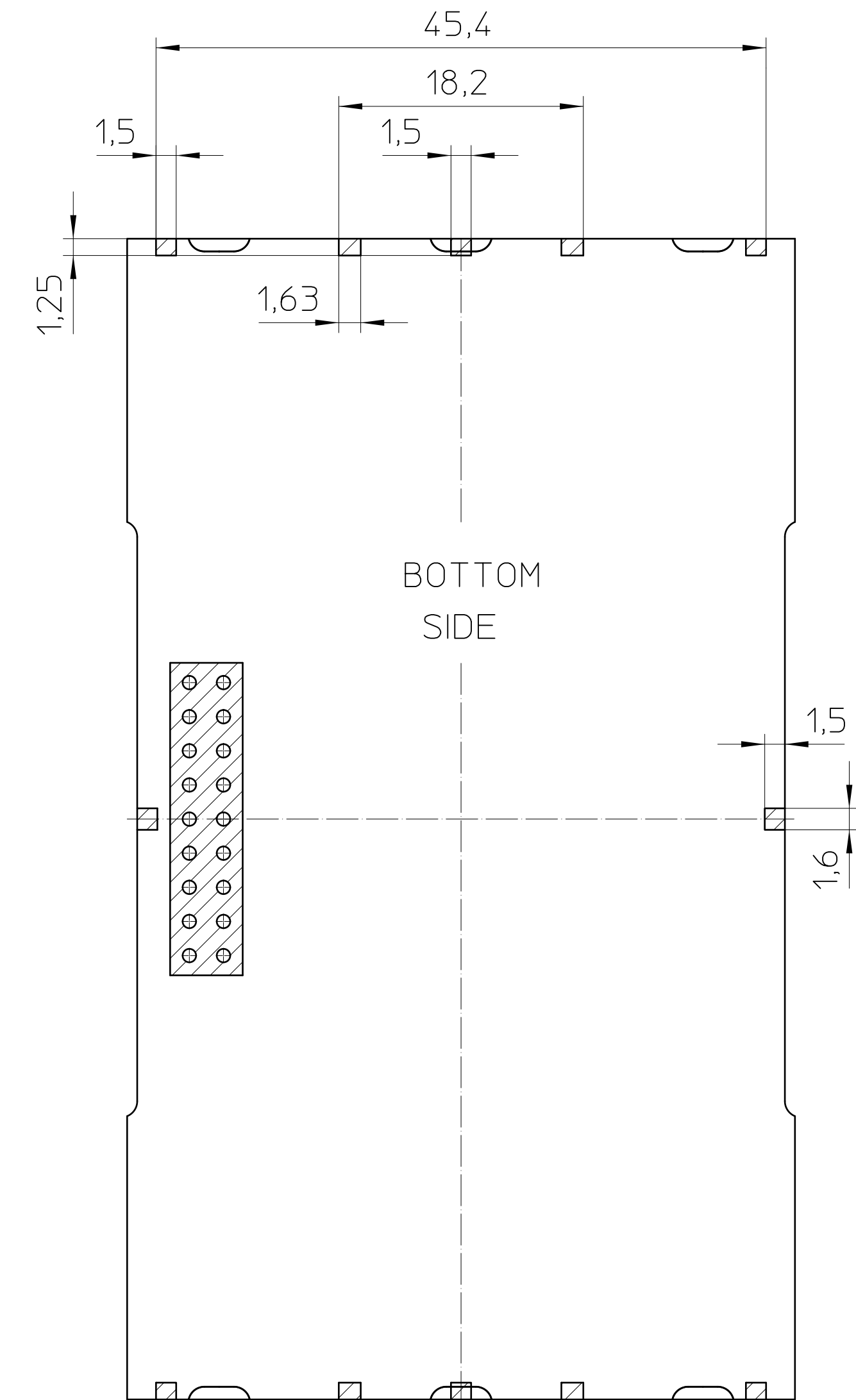
BC PCB 1 53,6 U11



BC PCB 1 53,6 U22



BC PCB 1 53,6 ...



General Information:

- Recommended PCB
- Simplified representation
- Document excluded from change process
- Further information:
www.phoenixcontact.com webcode: #0311
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Tolerances for PCB:
 dimensions ≤ 30 : $\pm 0,10$ / $R \pm 0,2$ / $\pm 1^\circ$
 dimensions > 30 : $\pm 0,15$ / $R \pm 0,2$ / $\pm 1^\circ$
 symmetry: 0,2
- Thickness PCB: $t = 1,5$ to $1,8\text{mm}$
-  Restricted area, no components

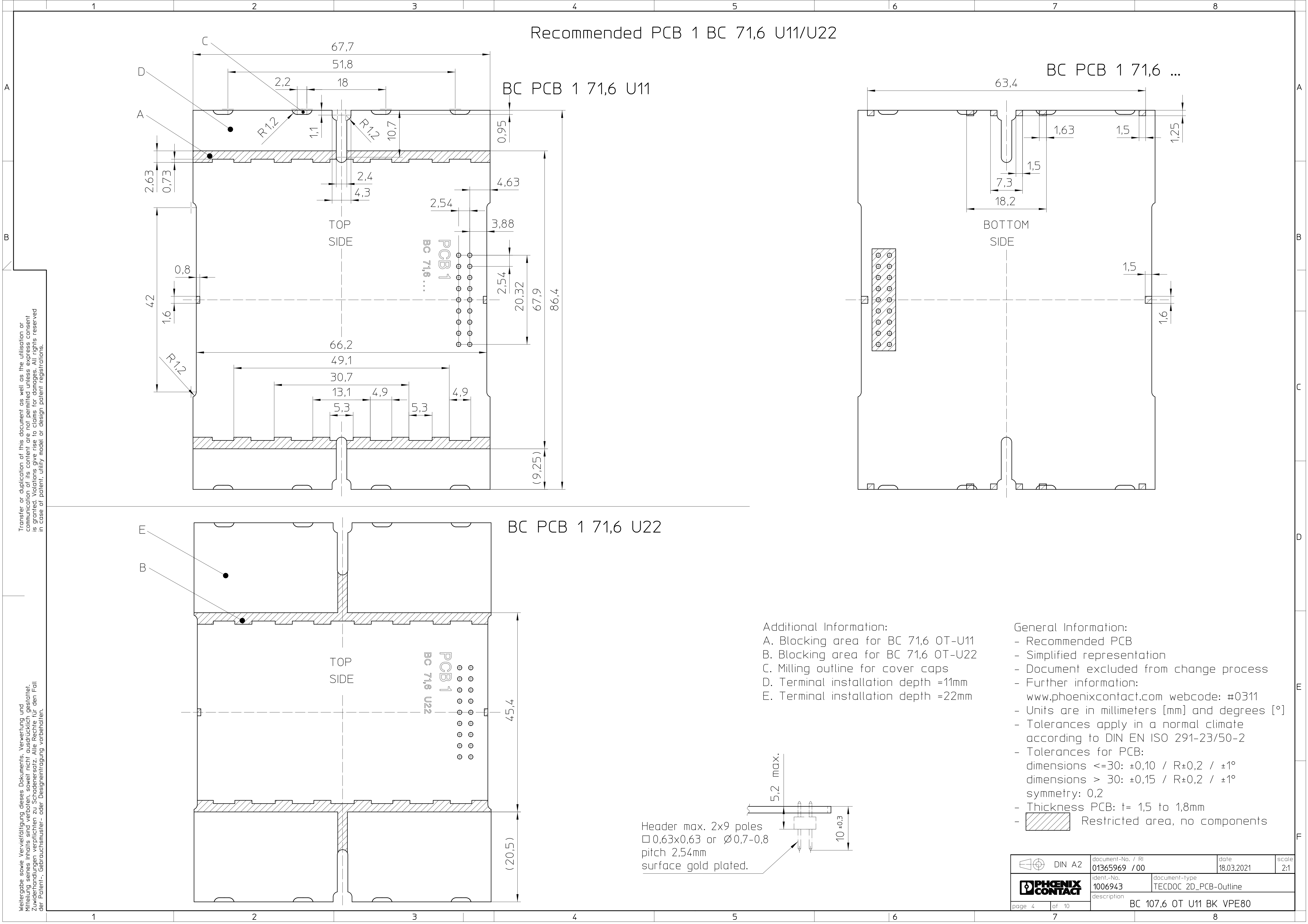
Additional Information:

- A. Blocking area for BC 53,6 OT-U11
- B. Blocking area for BC 53,6 OT-U22
- C. Milling outline for cover caps
- D. Terminal installation depth =11mm
- E. Terminal installation depth =22mm

Header max. 2x9 poles
 □ 0,63x0,63 or Ø 0,7-0,8
 pitch 2,54mm
 surface gold plated

5,2 max.

10 ±0,3



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Recommended PCB 1 BC 71,6 U11/U22

BC PCB 1 71,6 U11

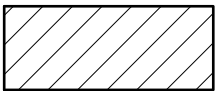
BC PCB 1 71,6 ...

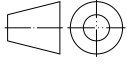
BC PCB 1 71,6 U22

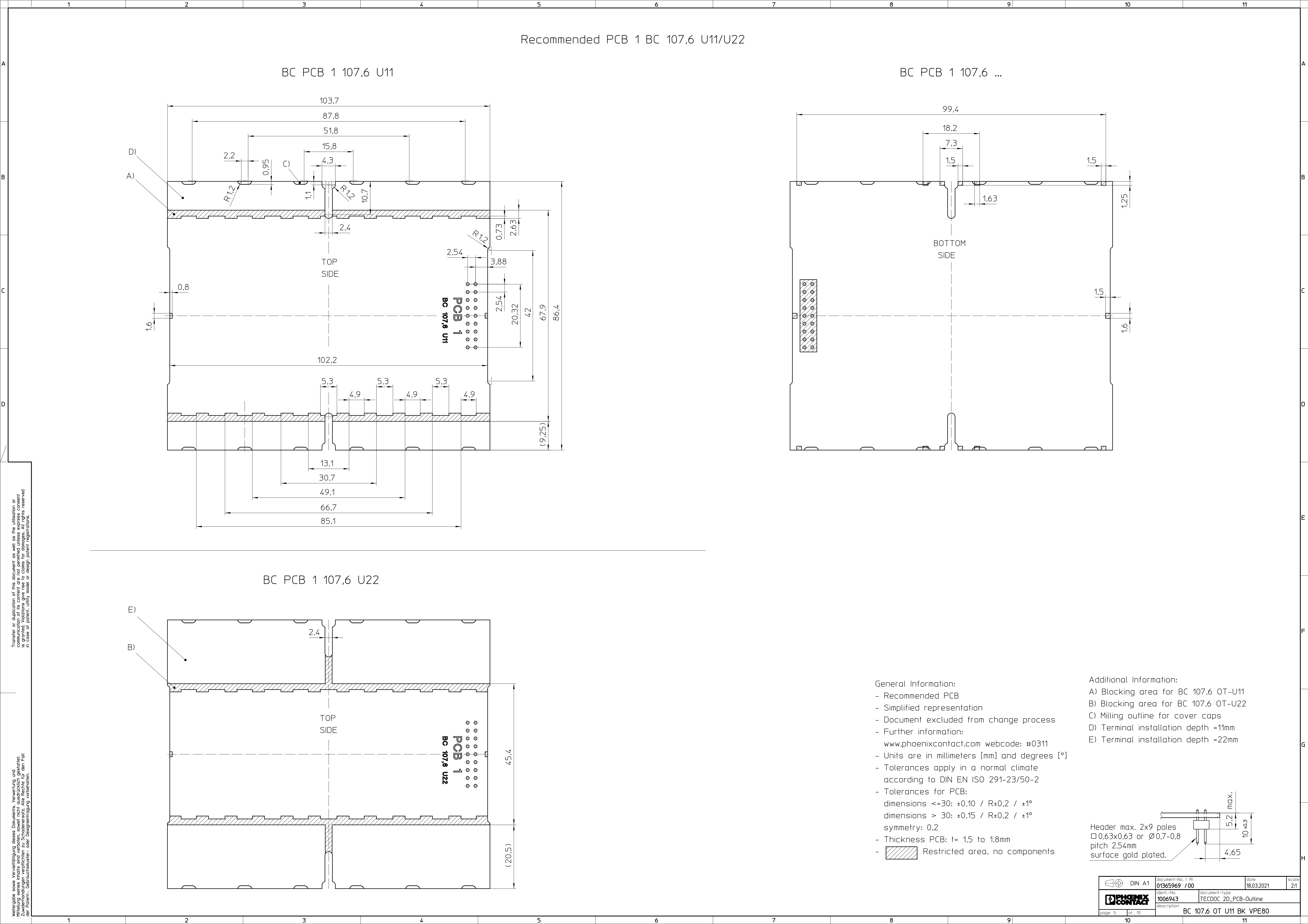
Additional Information:

- A. Blocking area for BC 71,6 OT-U11
- B. Blocking area for BC 71,6 OT-U22
- C. Milling outline for cover caps
- D. Terminal installation depth =11mm
- E. Terminal installation depth =22mm

General Information:

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- Tolerances for PCB:
dimensions ≤30: ±0,10 / R±0,2 / ±1°
dimensions > 30: ±0,15 / R±0,2 / ±1°
symmetry: 0,2
- Thickness PCB: t= 1,5 to 1,8mm
-  Restricted area, no components

 DIN A2	document-No. / RI 01365969 / 00	date 18.03.2021	scale 2:1
	ident.-No. 1006943	document-type TECDOC 2D_PCB-Outline	
page 4 of 10	description BC 107,6 OT U11 BK VPE80		

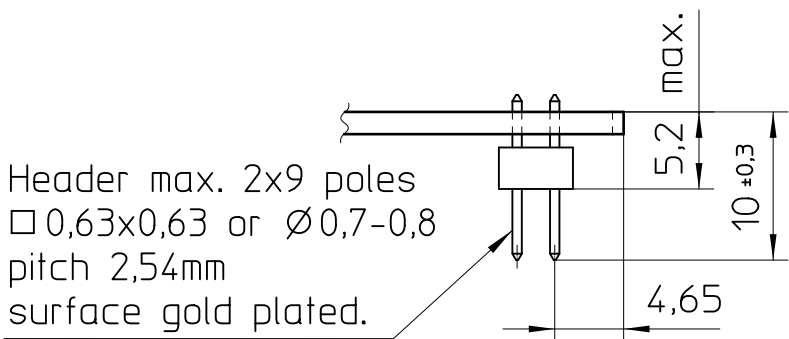


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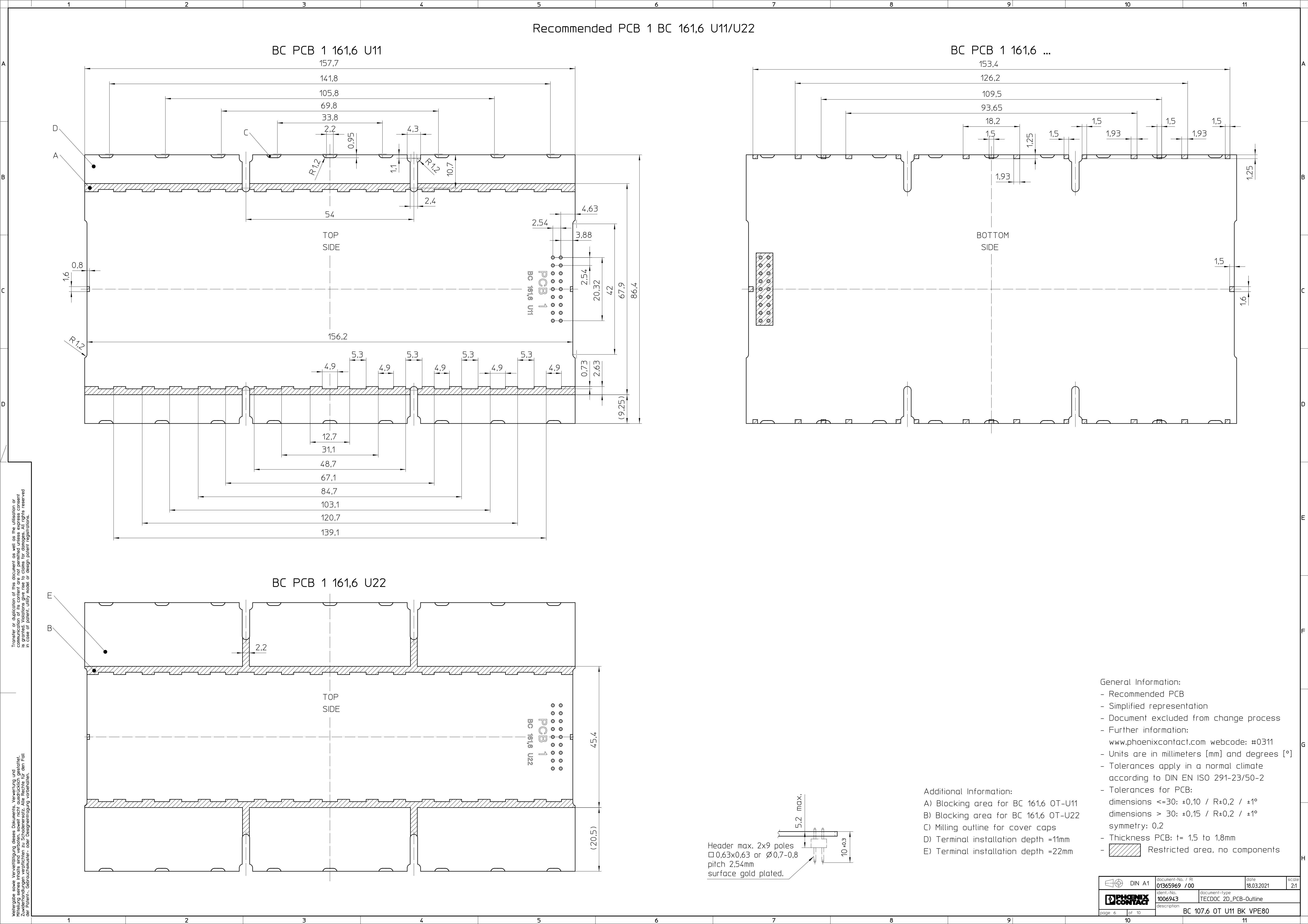
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dimensions ≤ 30 : $\pm 0,10$ / $R \pm 0,2$ / $\pm 1^\circ$
dimensions > 30 : $\pm 0,15$ / $R \pm 0,2$ / $\pm 1^\circ$
symmetry: 0,2
 - Thickness PCB: $t = 1,5$ to $1,8$ mm
 -  Restricted area, no components

- Additional Information:
- A) Blocking area for BC 107,6 OT-U11
 - B) Blocking area for BC 107,6 OT-U22
 - C) Milling outline for cover caps
 - D) Terminal installation depth ≈ 11 mm
 - E) Terminal installation depth ≈ 22 mm



	DIN A1	document-No. / Ri 01365969 / 00	date 18.03.2021	scale 2:1
		ident.-No. 1006943	document-type TECD0C 2D_PCB-Outline	
		description BC 107,6 OT U11 BK VPE80		
page 5		of 10		



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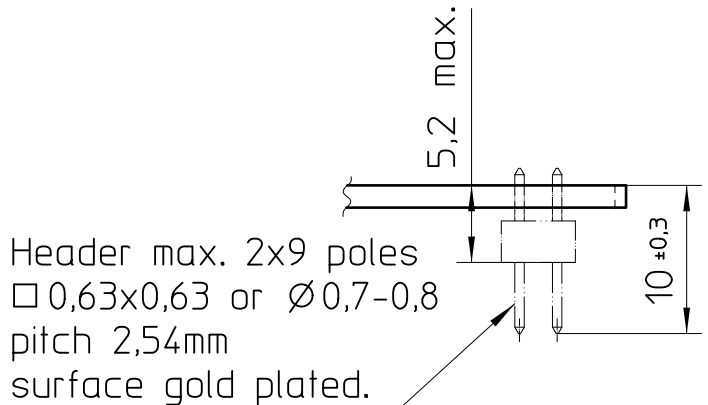
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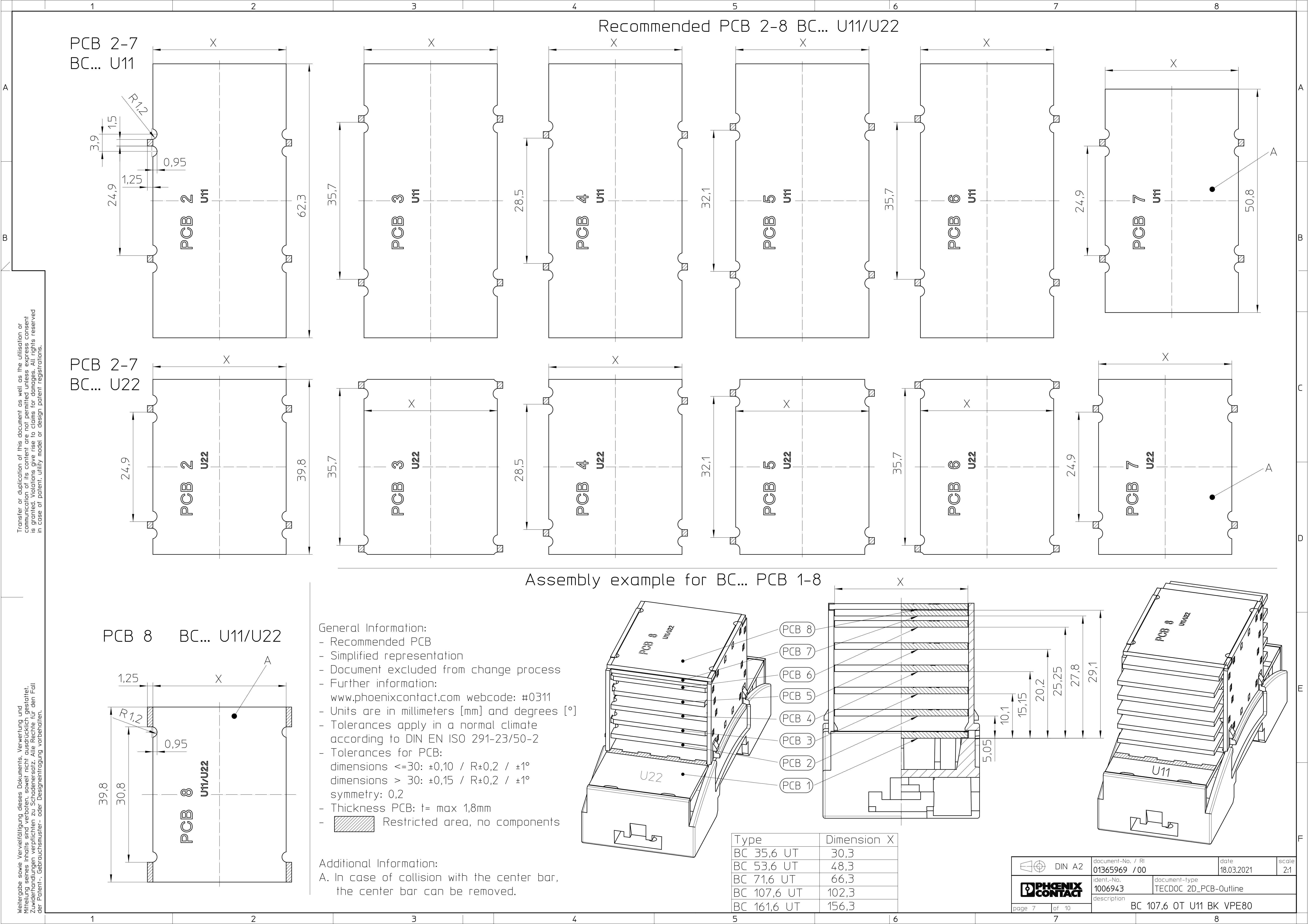
General Information:

- Recommended PCB
- Simplified representation
- Document excluded from change process
- Further information:
www.phoenixcontact.com webcode: #0311
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Tolerances for PCB:
dimensions ≤ 30 : $\pm 0,10$ / $R \pm 0,2$ / $\pm 1^\circ$
dimensions > 30 : $\pm 0,15$ / $R \pm 0,2$ / $\pm 1^\circ$
symmetry: 0,2
- Thickness PCB: $t = 1,5$ to $1,8\text{mm}$
-  Restricted area, no components

Additional Information:

- A) Blocking area for BC 161,6 OT-U11
- B) Blocking area for BC 161,6 OT-U22
- C) Milling outline for cover caps
- D) Terminal installation depth $\approx 11\text{mm}$
- E) Terminal installation depth $\approx 22\text{mm}$

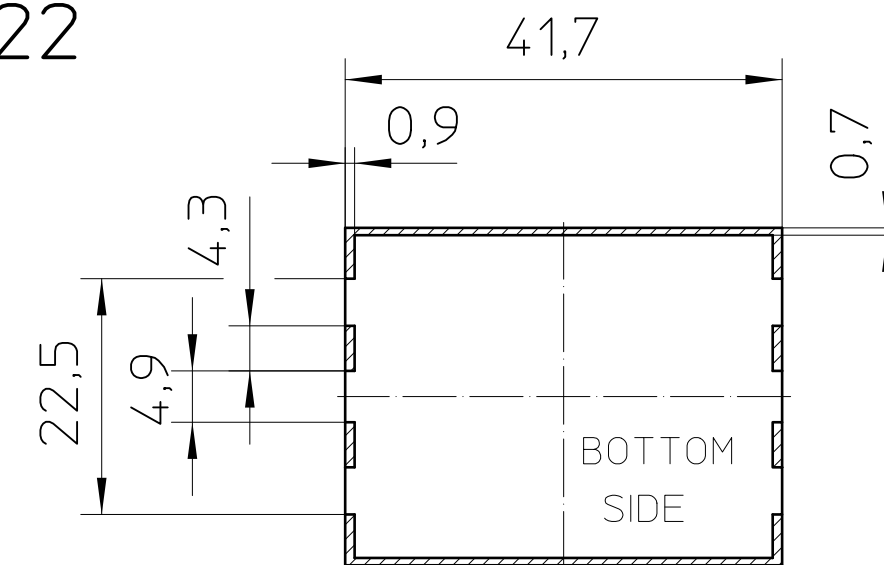
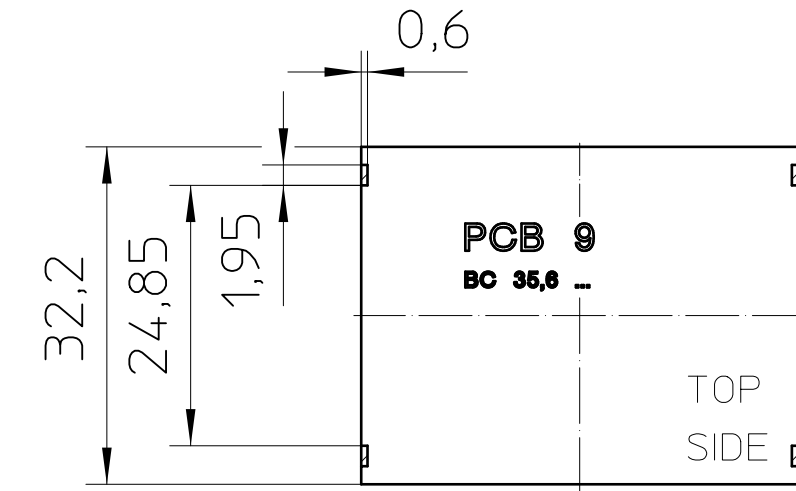




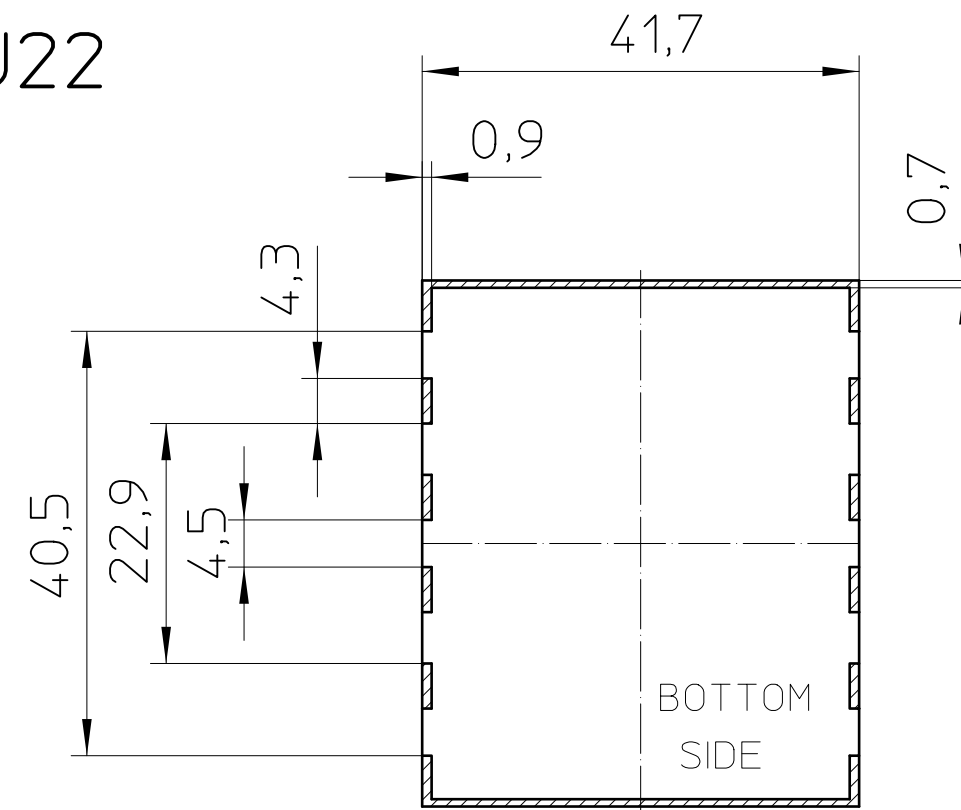
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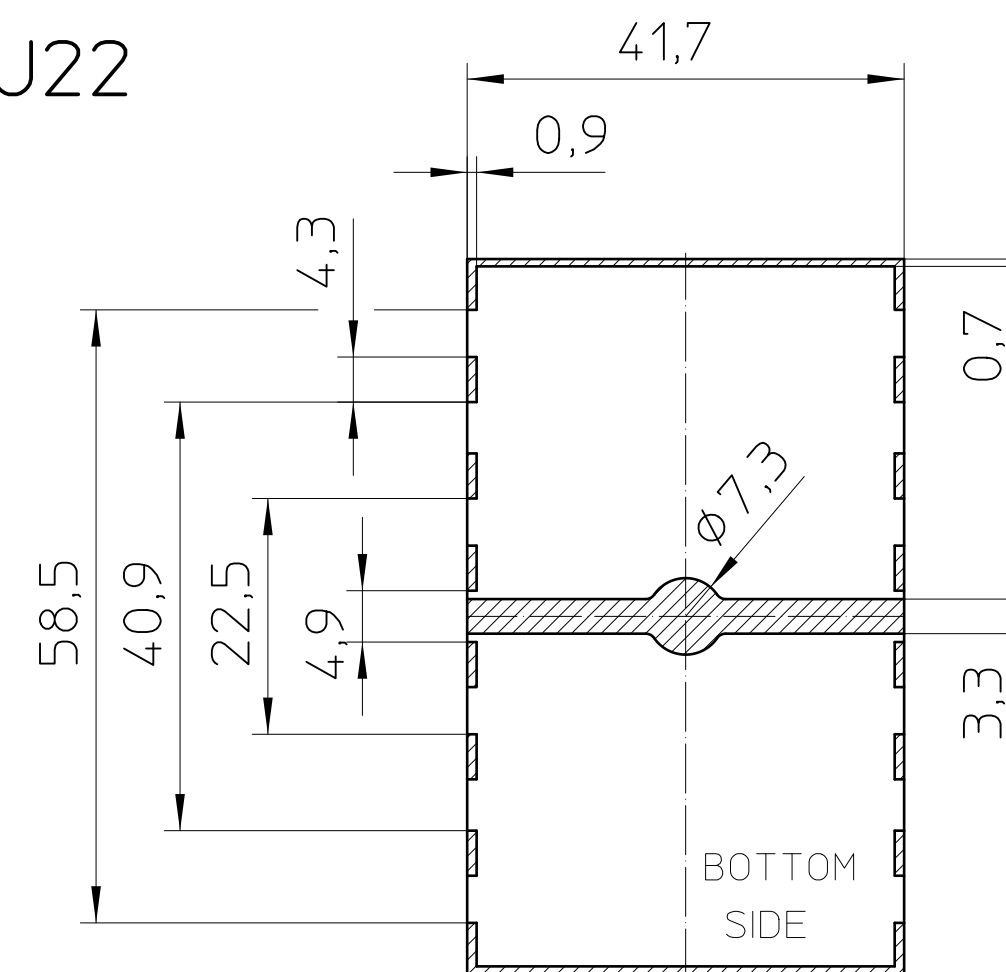
PCB 9 BC 161,6... U11 or U22



Technical drawing of the top side of a PCB. The drawing shows a rectangular board with dimensions 50,2 (total height) and 42,85 (height of the main body). A small feature at the top has a width of 0,6 and a height of 1,95. The text "PCB 9" and "BC 53,6" is printed on the board. The label "TOP SIDE" is located in the bottom right corner.



Technical drawing of the top side of PCB 9. The drawing shows a rectangular board with dimensions 68,2 (total length) and 60,85 (usable length). A central horizontal slot is 7,25 wide. A small rectangular feature is 1,95 wide. A dimension of 0,6 is shown at the top right. The text "PCB 9" and "BC 710..." is printed on the board. The label "TOP SIDE" is at the bottom right.



104.2

96.85

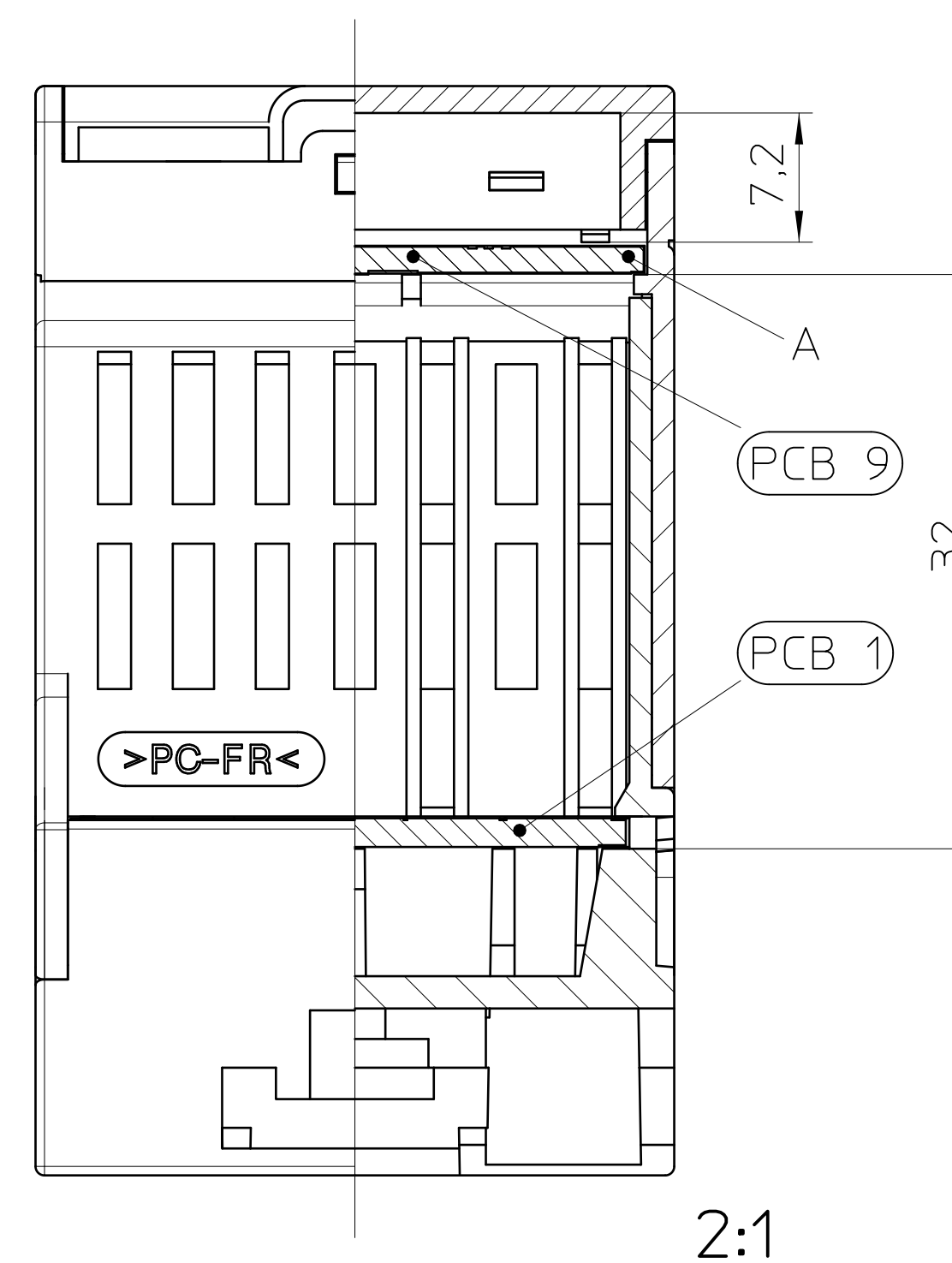
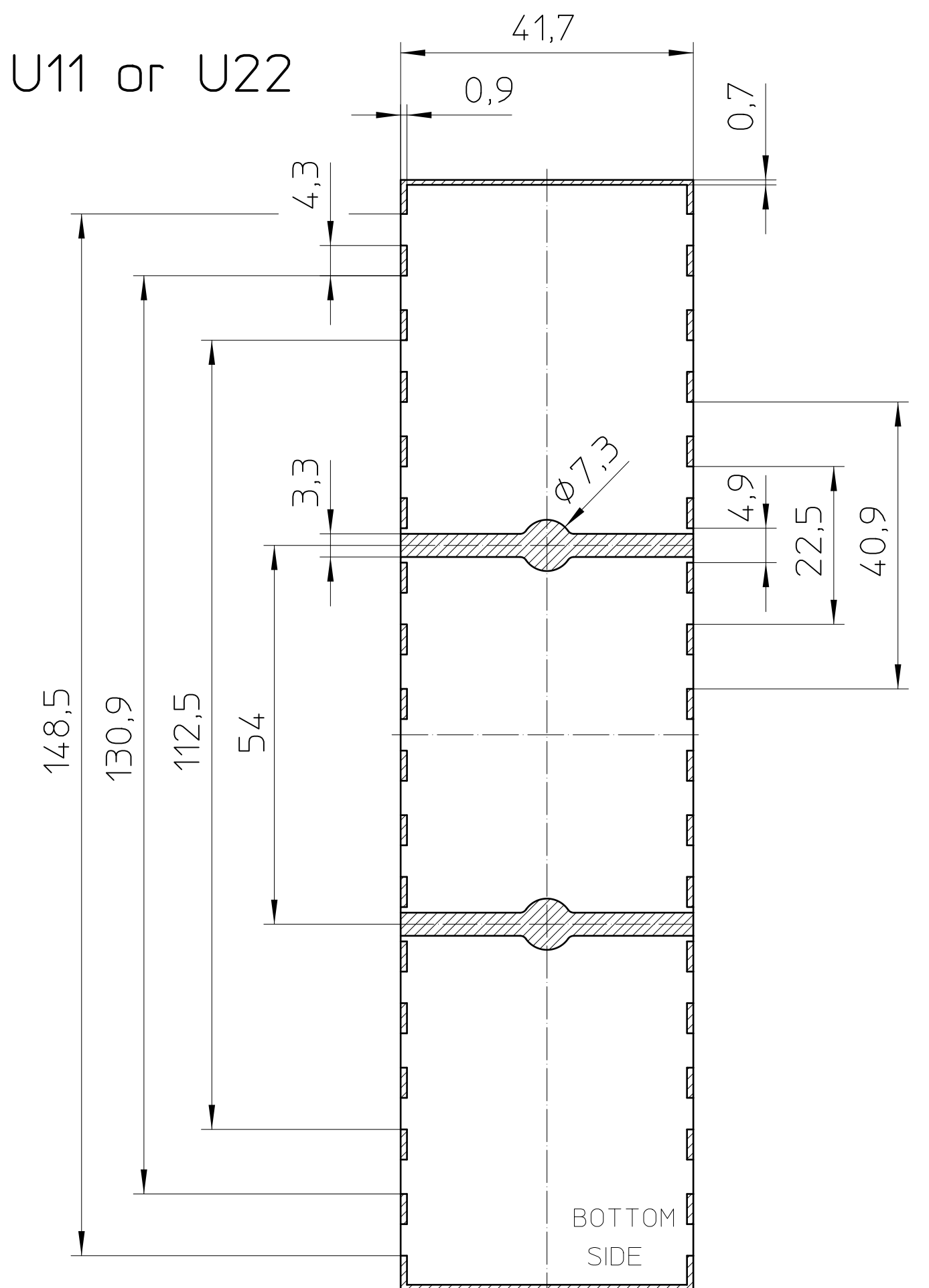
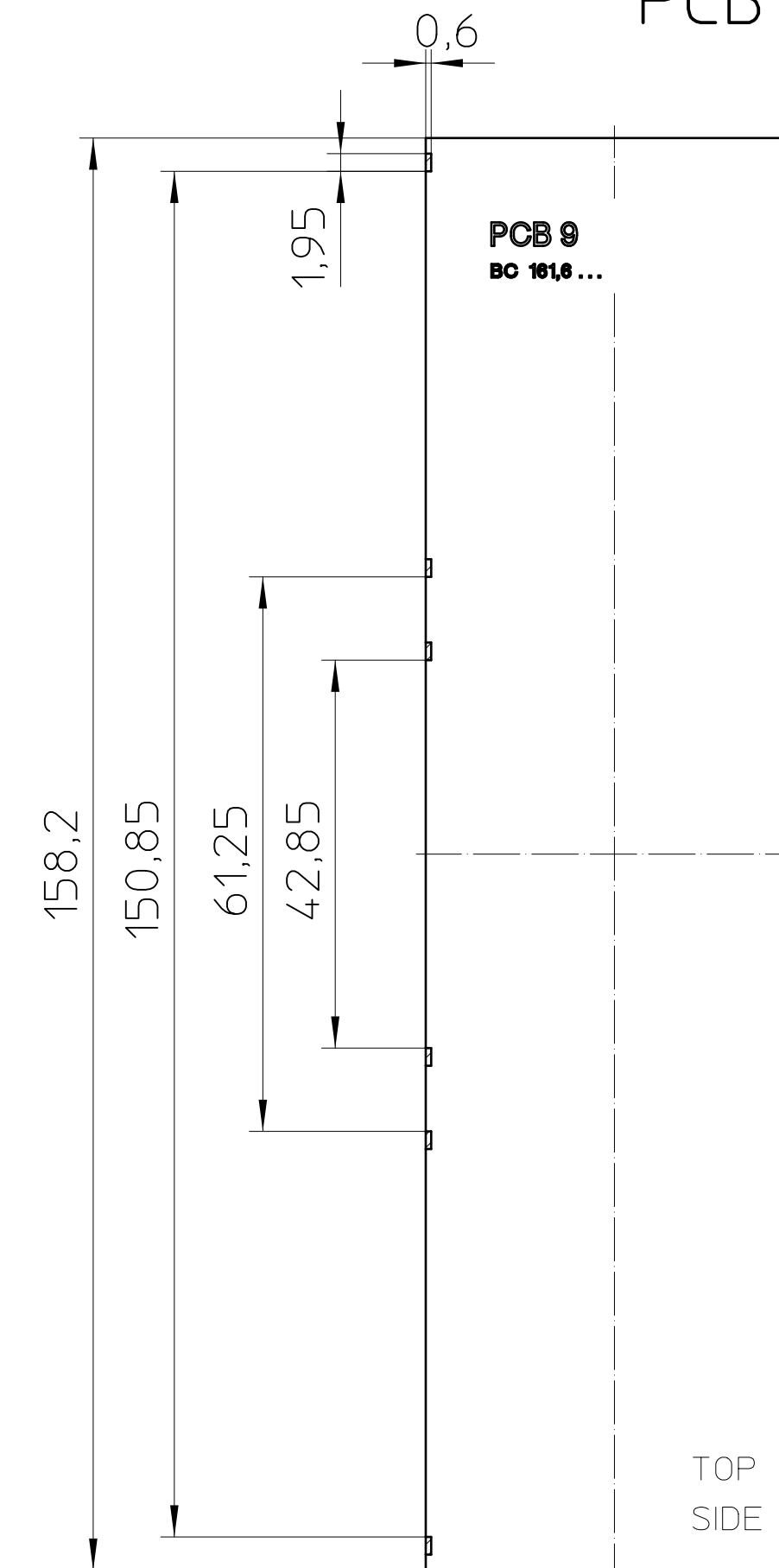
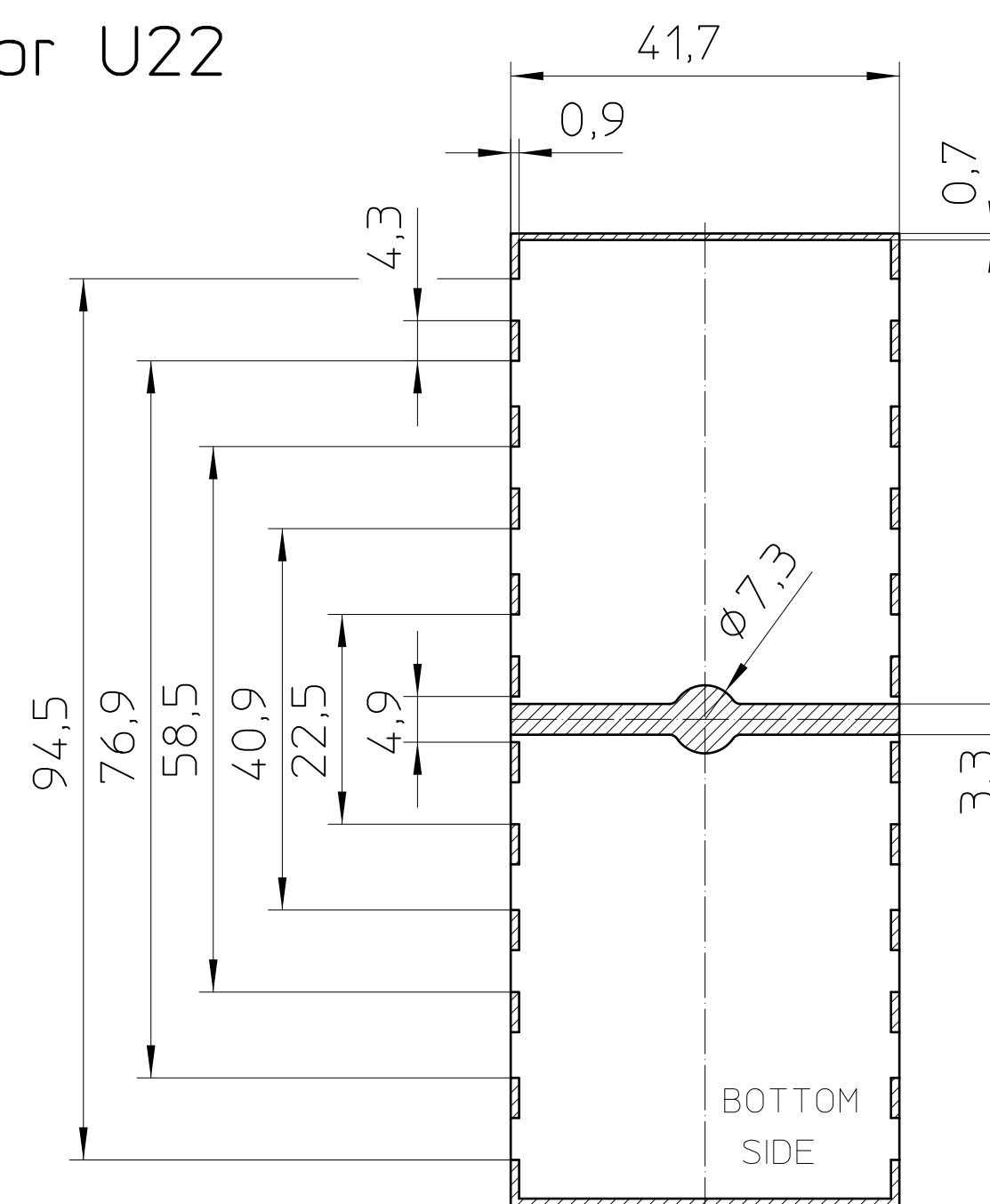
7.25

1.95

0.6

PCB 9
BO 107,8...

TOP
SIDE



2:1

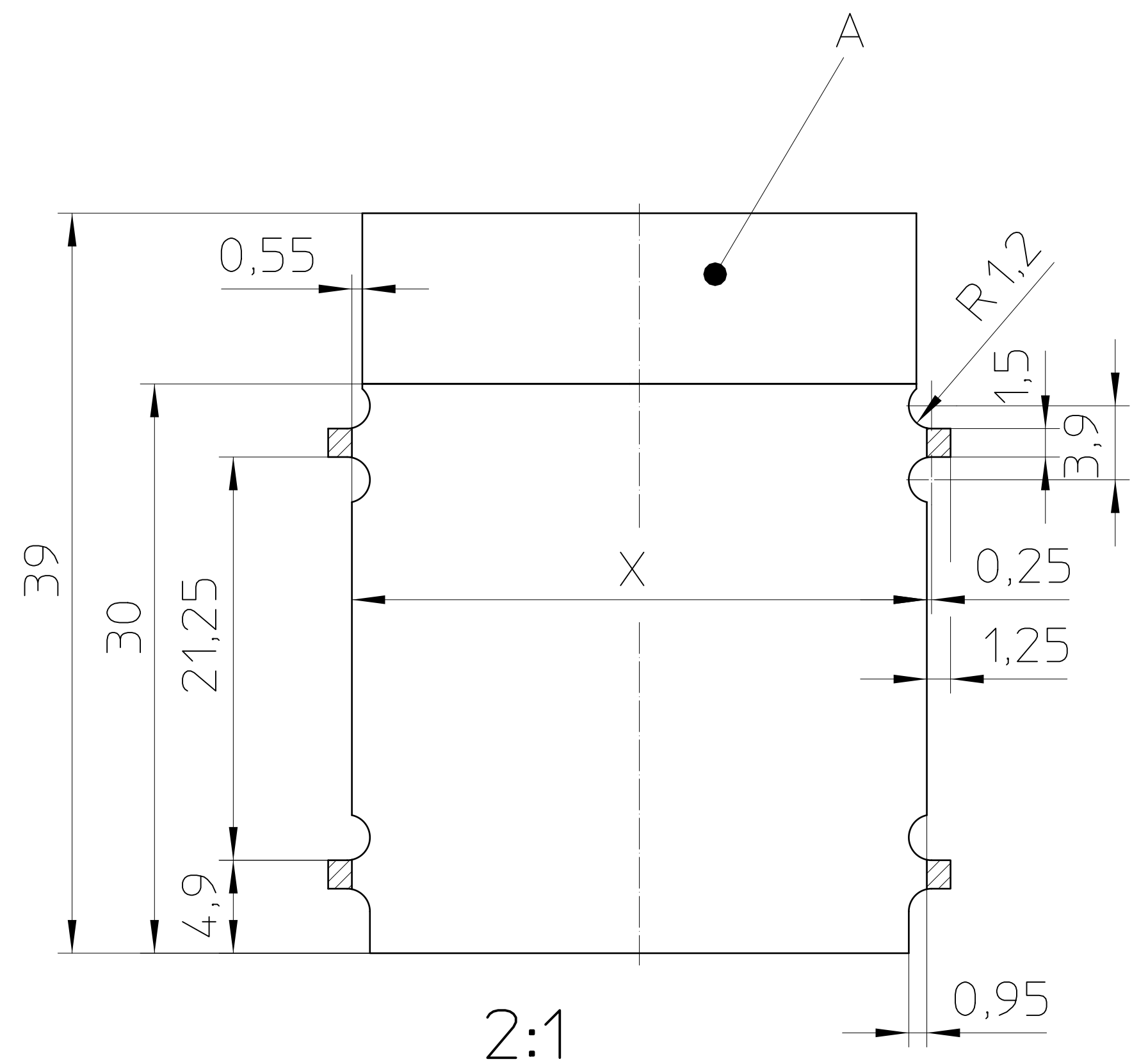
A. Position PCB 9 or position Plate

 DIN A2		document-No. / RI 01365969 / 00	date 18.03.2021	scale 1:1
		ident-No. 1006943	document-type TECD0C_2D_PCB-Outline	
page 8 of 10		description BC 107,6 OT U11 BK VPE80		

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Recommended PCB 10 BC... U11/U22

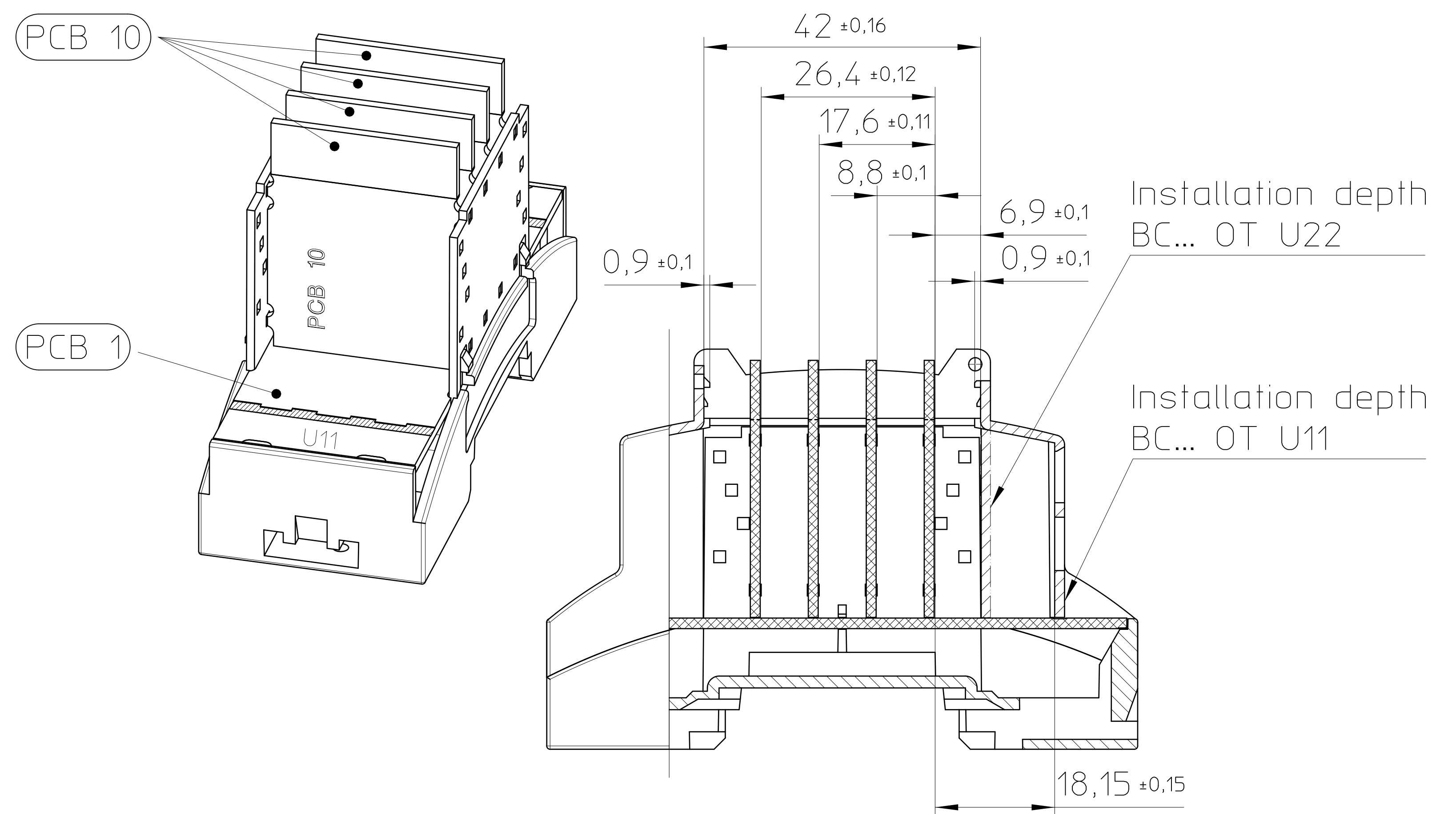


Type	Dimension X
BC 35,6 UT	30,3
BC 53,6 UT	48,3
BC 71,6 UT	66,3
BC 107,6 UT	102,3
BC 161,6 UT	156,3

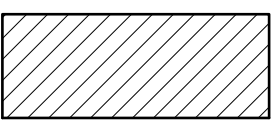
Additional Information:

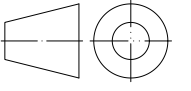
A. Additional PCB area in case of use without cover plate.
In case of collision with the center bar, the center bar can be removed.

Assembly example PCB 10 BC... VERTIKAL



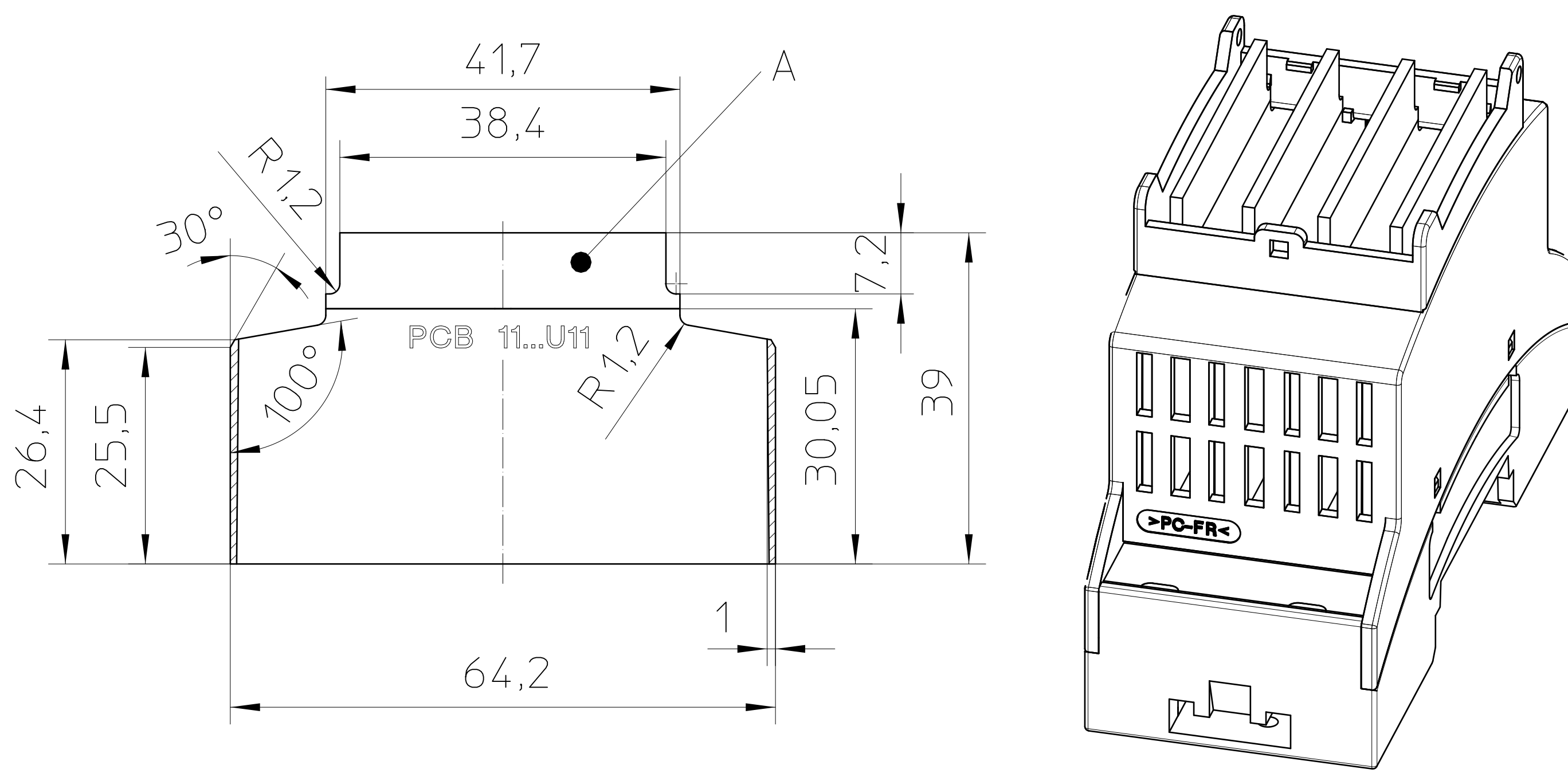
General Information:

- Recommended PCB
- Simplified representation
- Document excluded from change process
- Further information: www.phoenixcontact.com webcode: #0311
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Tolerances for PCB:
 - dimensions ≤30: ±0,10 / R±0,2 / ±1°
 - dimensions > 30: ±0,15 / R±0,2 / ±1°
 - symmetry: 0,2
- Thickness PCB: t= max 1,8mm
-  Restricted area, no components

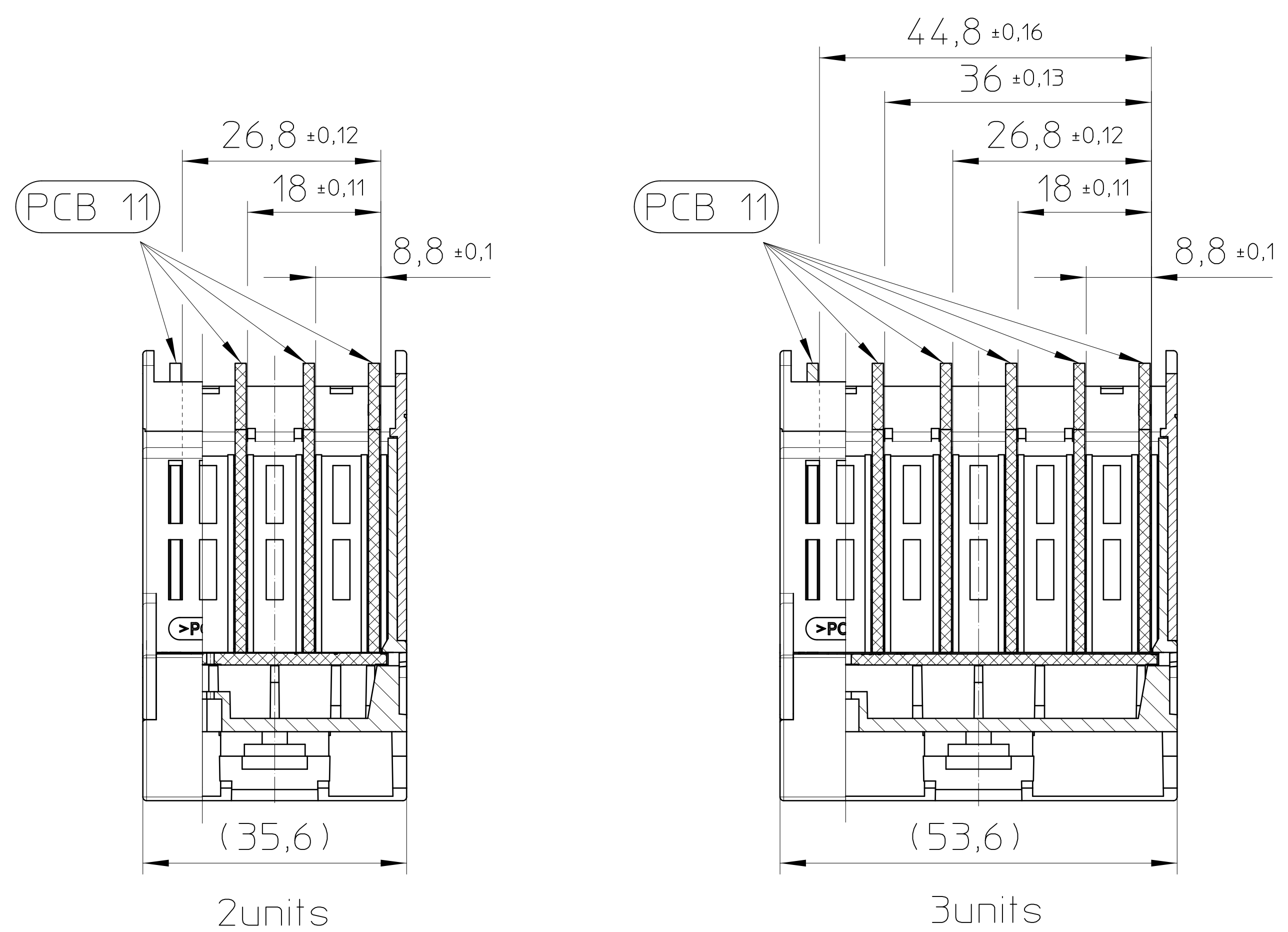
 DIN A3	document-No. / RI 01365969 / 00	date 18.03.2021	scale 1:1
	ident.-No. 1006943	document-type TECDOC 2D_PCB-Outline	
page 9 of 10	description BC 107,6 OT U11 BK VPE80		

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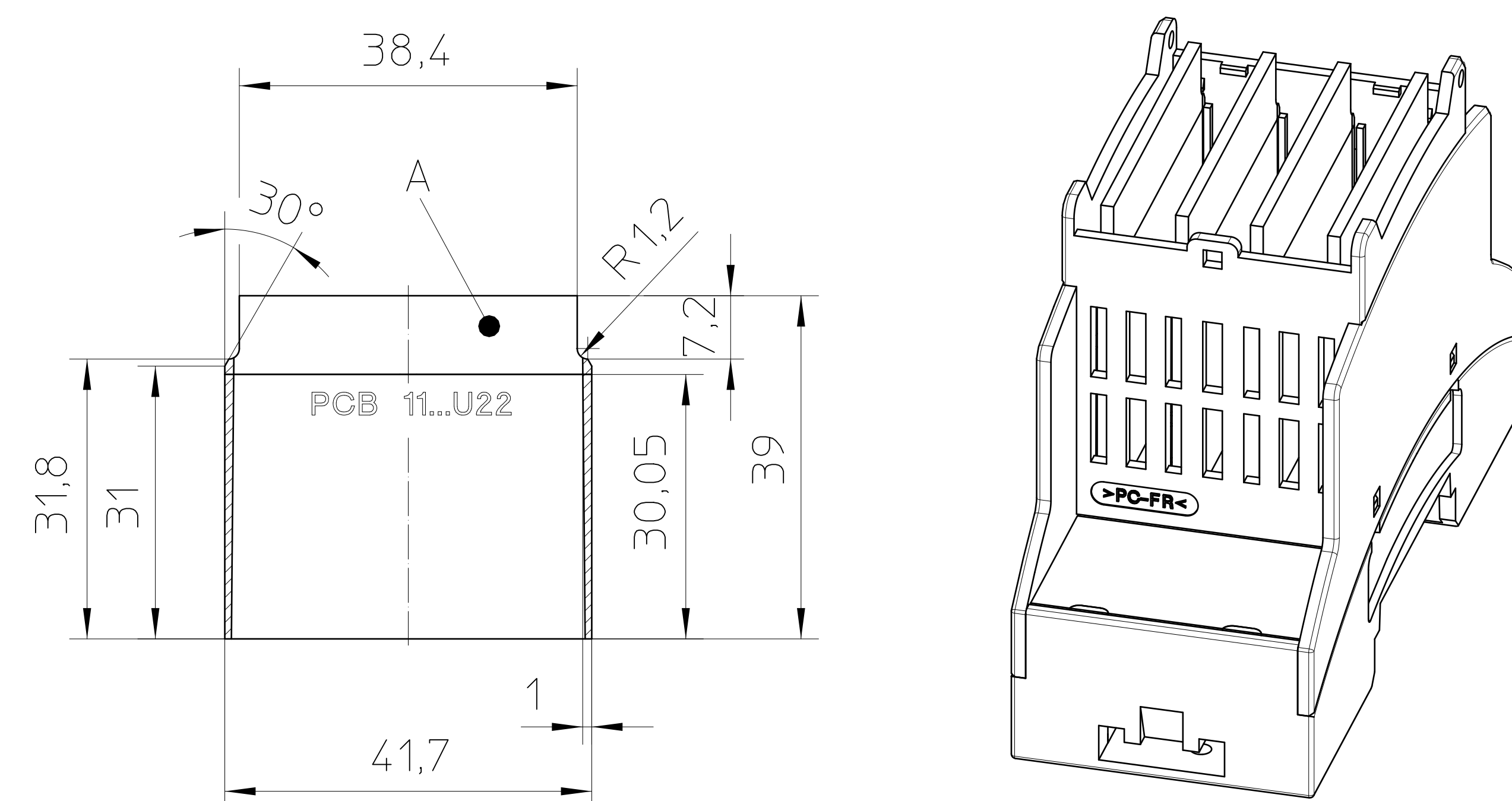
Recommended PCB 11 BC... U11

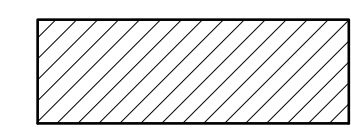


Assembly example for BC.. PCB11



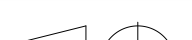
Recommended PCB 11 BC... U22



- General Information:
- Recommended PCB
 - Simplified representation
 - Document excluded from change process
 - Further information: www.phoenixcontact.com webcode: #0311
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
 - Tolerances for PCB:
 - dimensions ≤ 30: ± 0,10 / R ± 0,2 / ± 1°
 - dimensions > 30: ± 0,15 / R ± 0,2 / ± 1°
 - symmetry: 0,2
 - Thickness PCB: t = max 1,8 mm
 -  Restricted area, no components

Additional Information:
A. Additional PCB area in case of use without cover plate.

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		ident.-No. 1006943	document-type TECDC 2D_PCB-Outline	
		description BC 107,6 OT U11 BK VPE80		
page 10	of 10			