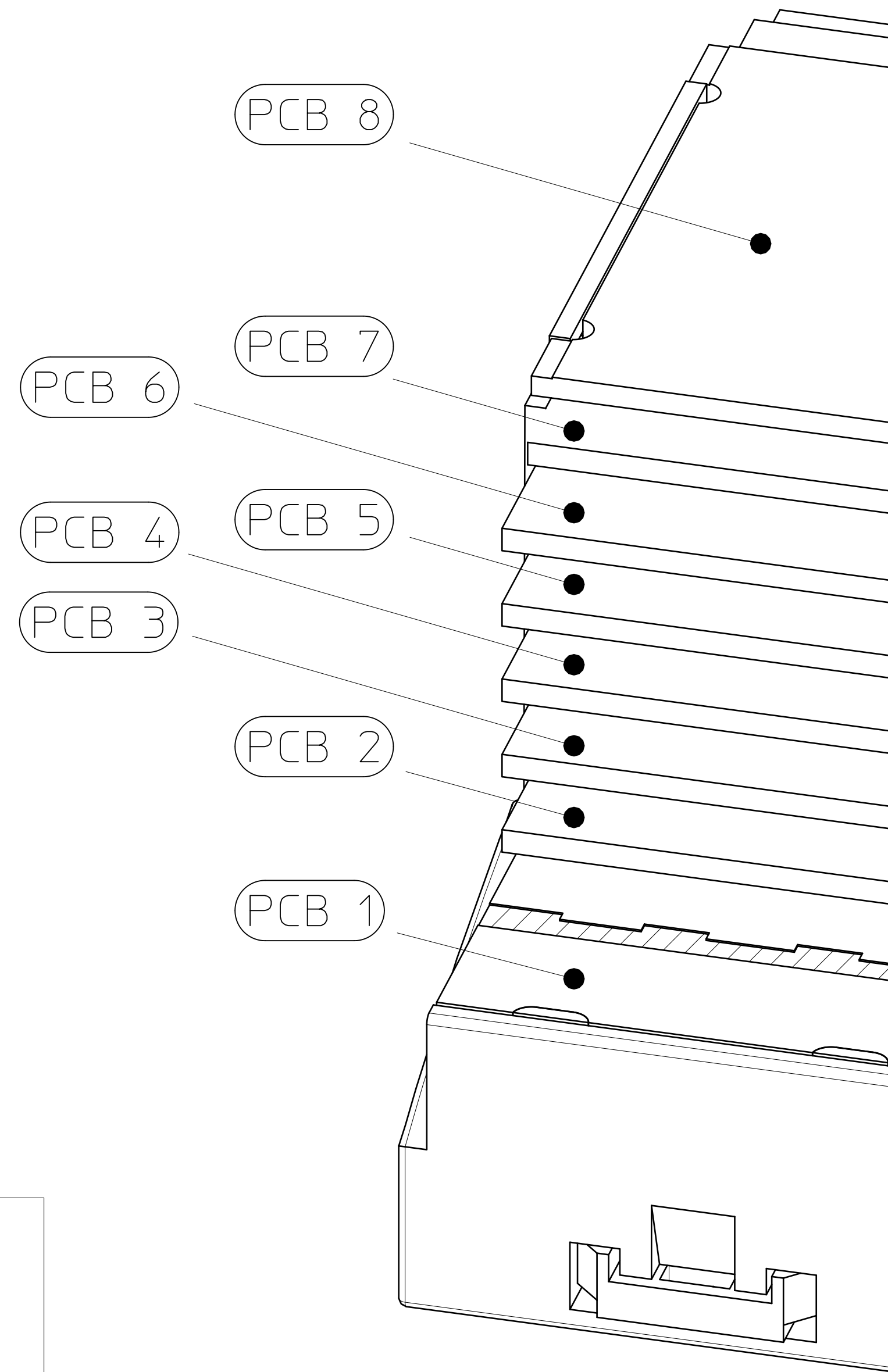
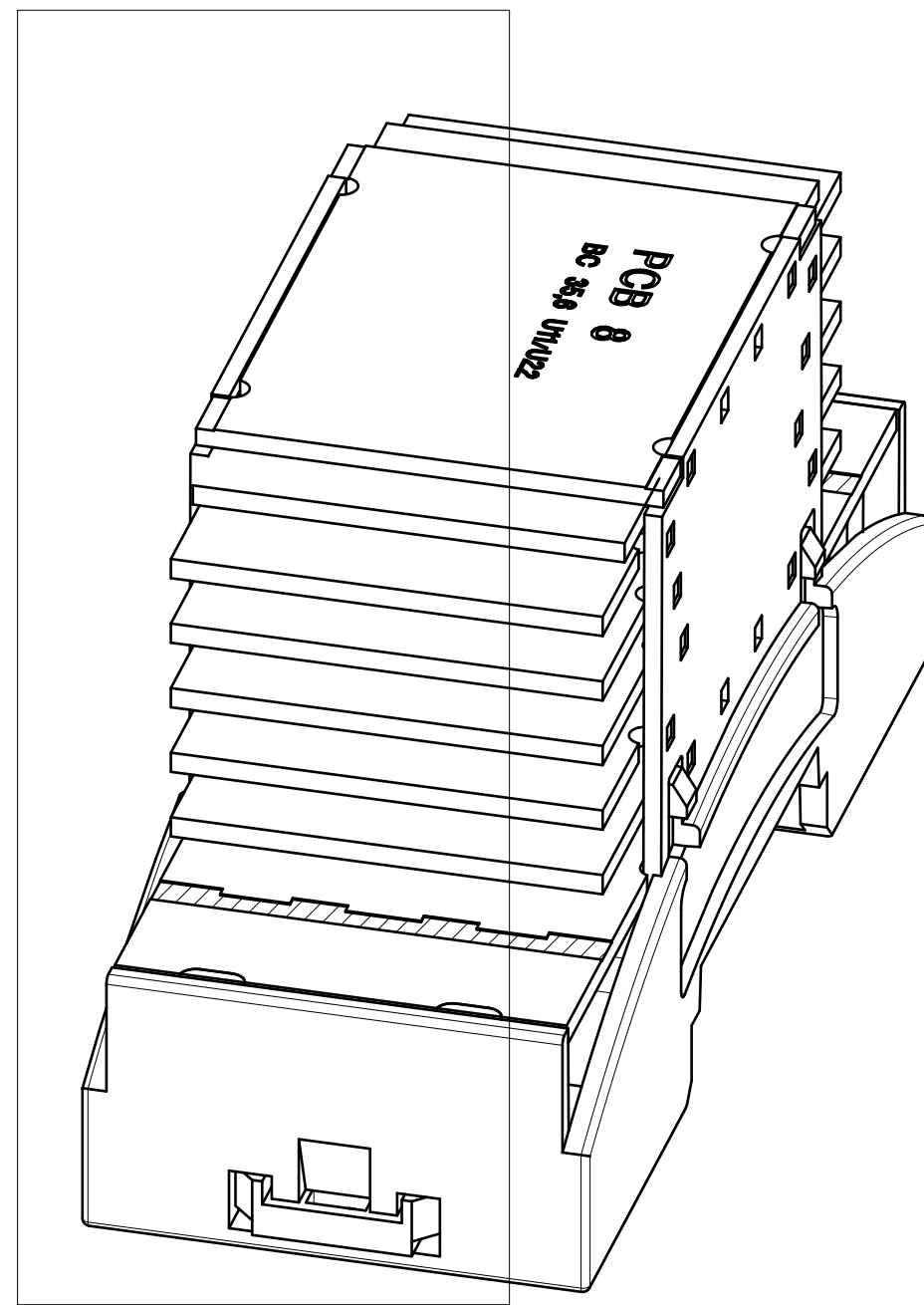


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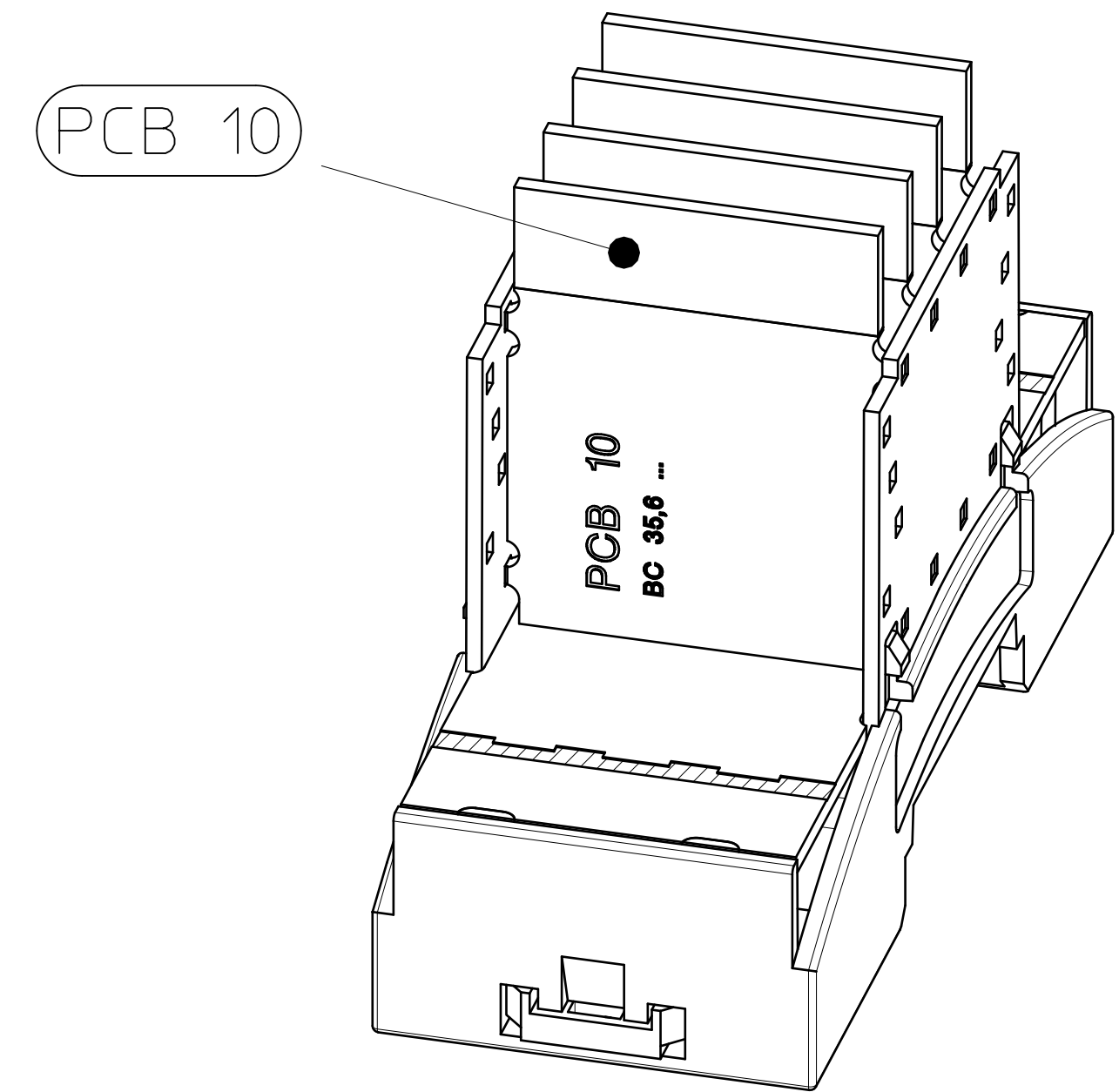
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Position of BC PCB 1-11 (Example BC 35,6 U11)

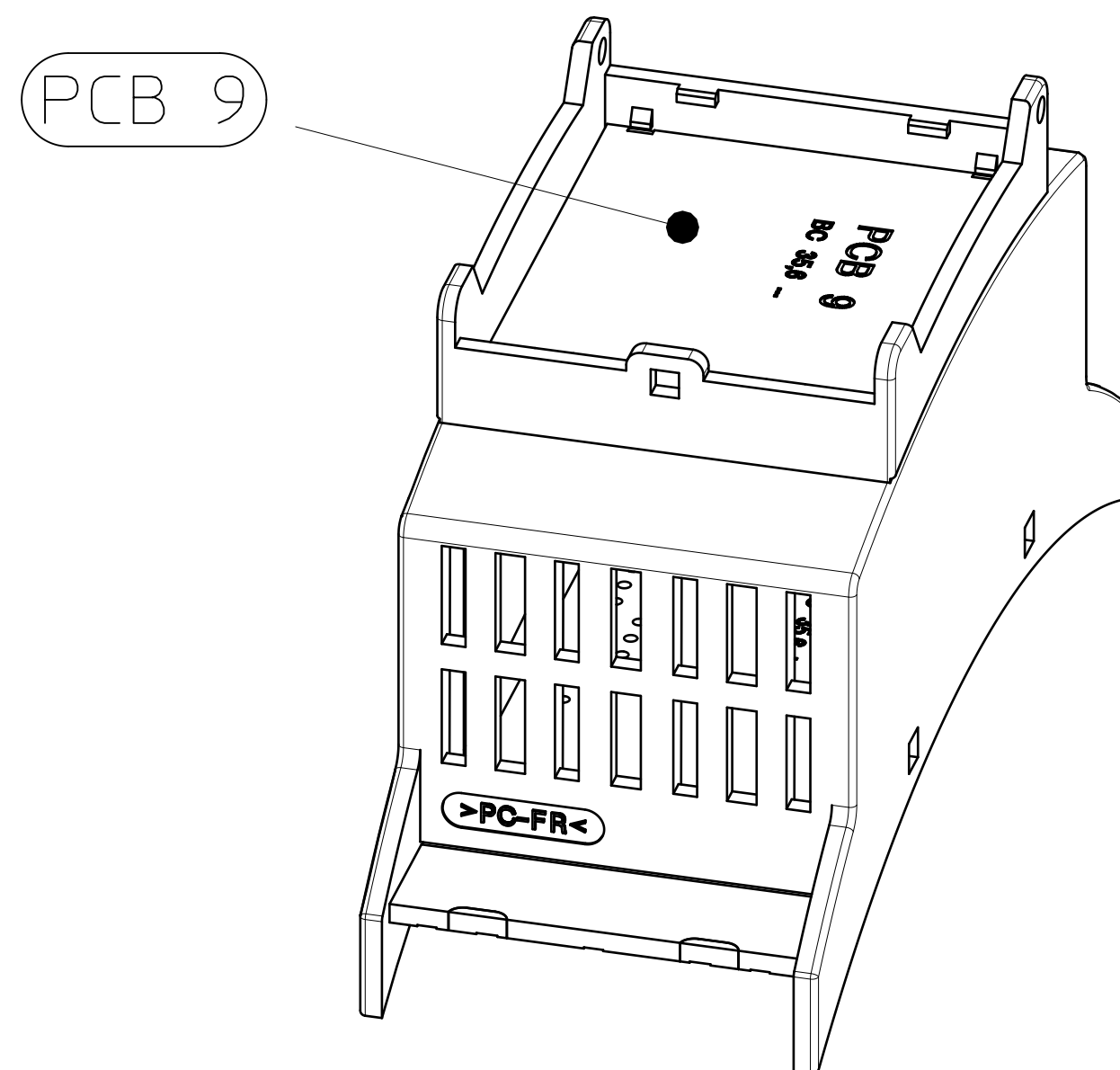
Assembly BC PCB 1-8



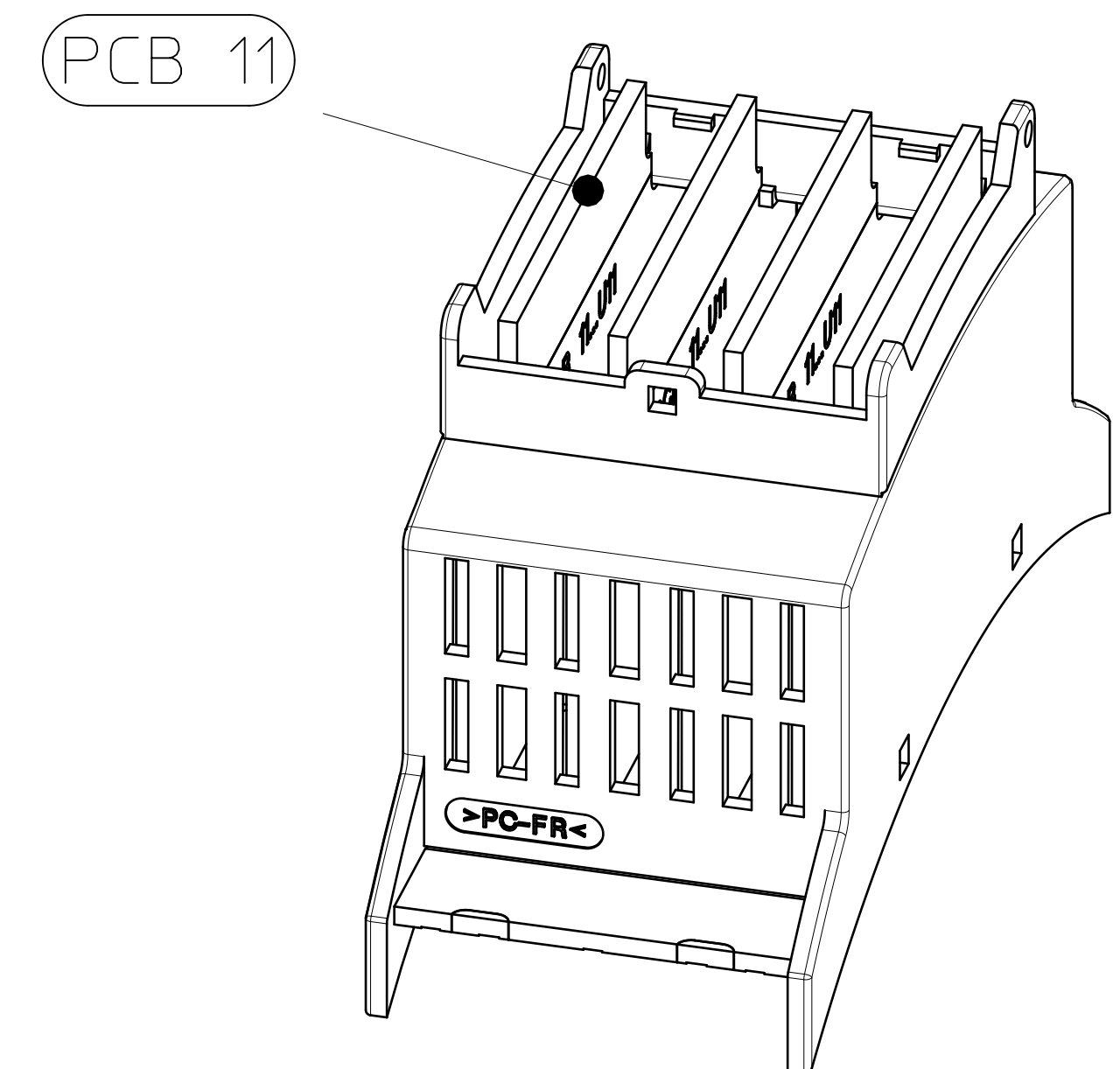
Assembly BC PCB 10

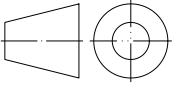


Assembly BC PCB 9



Assembly BC PCB 11



 DIN A3	document-No. / RI 01365969 / 00	date 18.03.2021	scale 1:1
	ident.-No. 1006944	document-type TECDOC 2D_PCB-Outline	
page 1	of 10	description BC 161,6 OT U11 BK VPE80	

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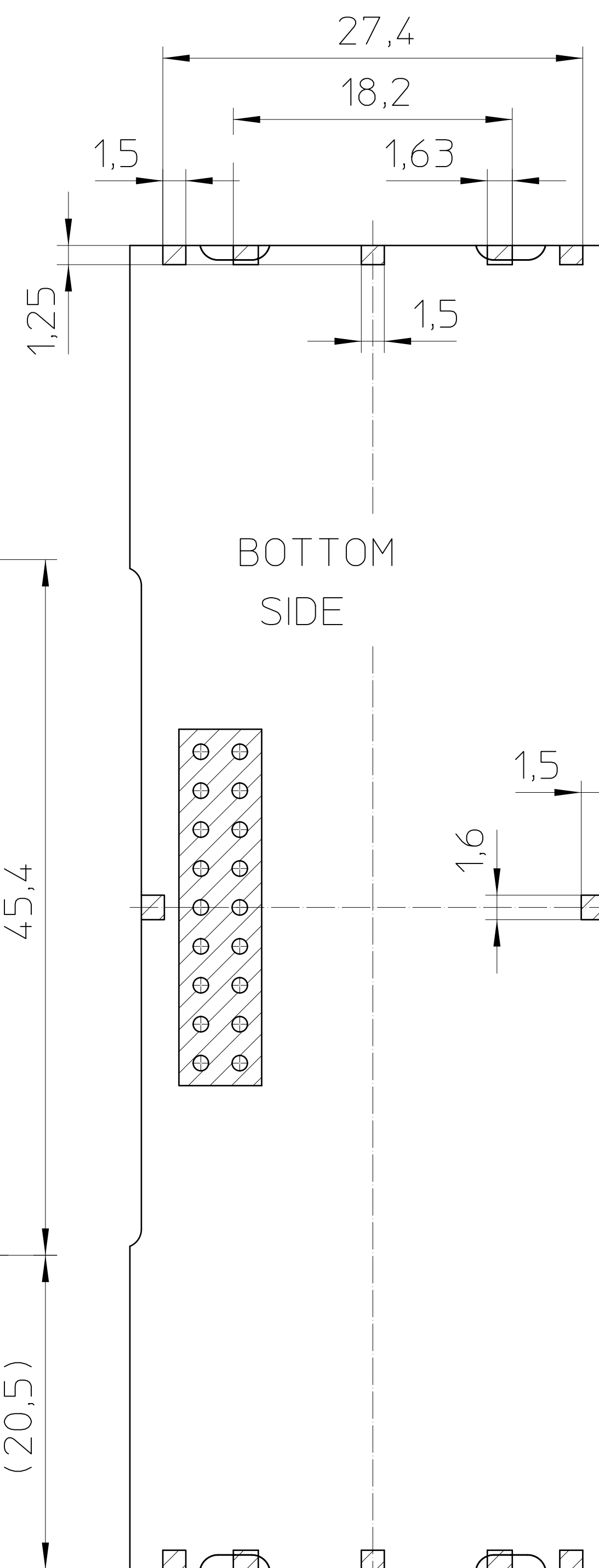
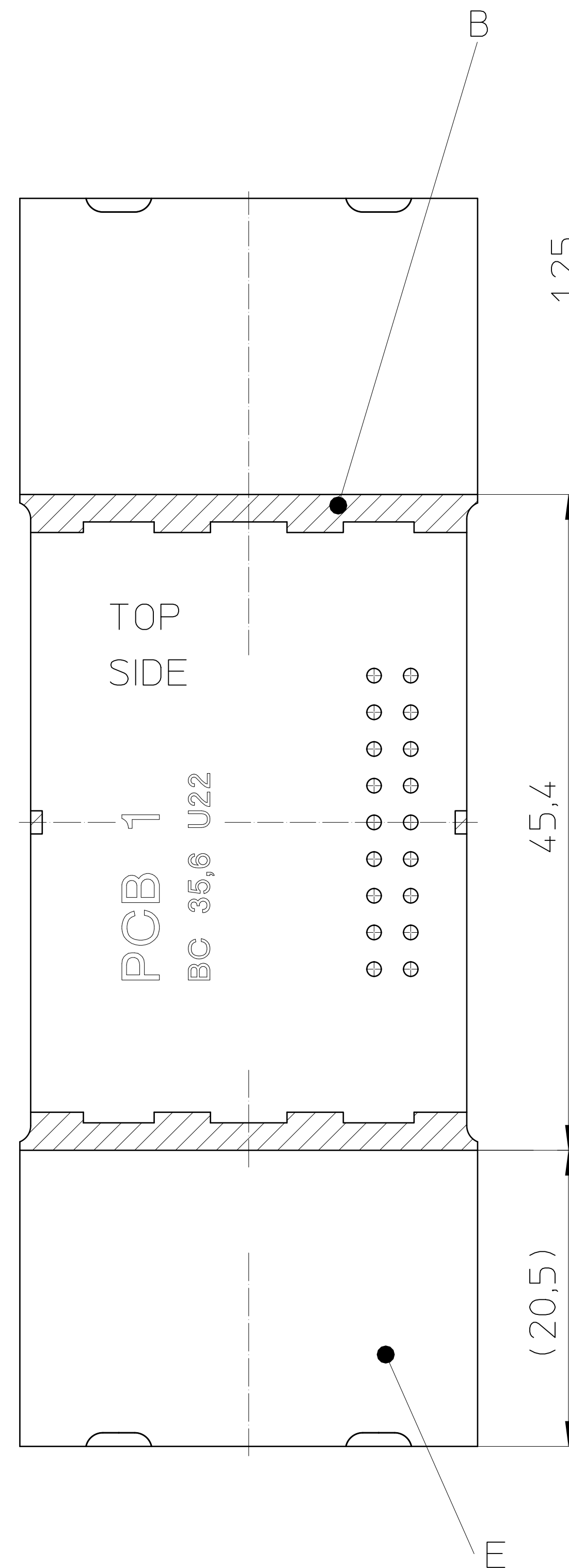
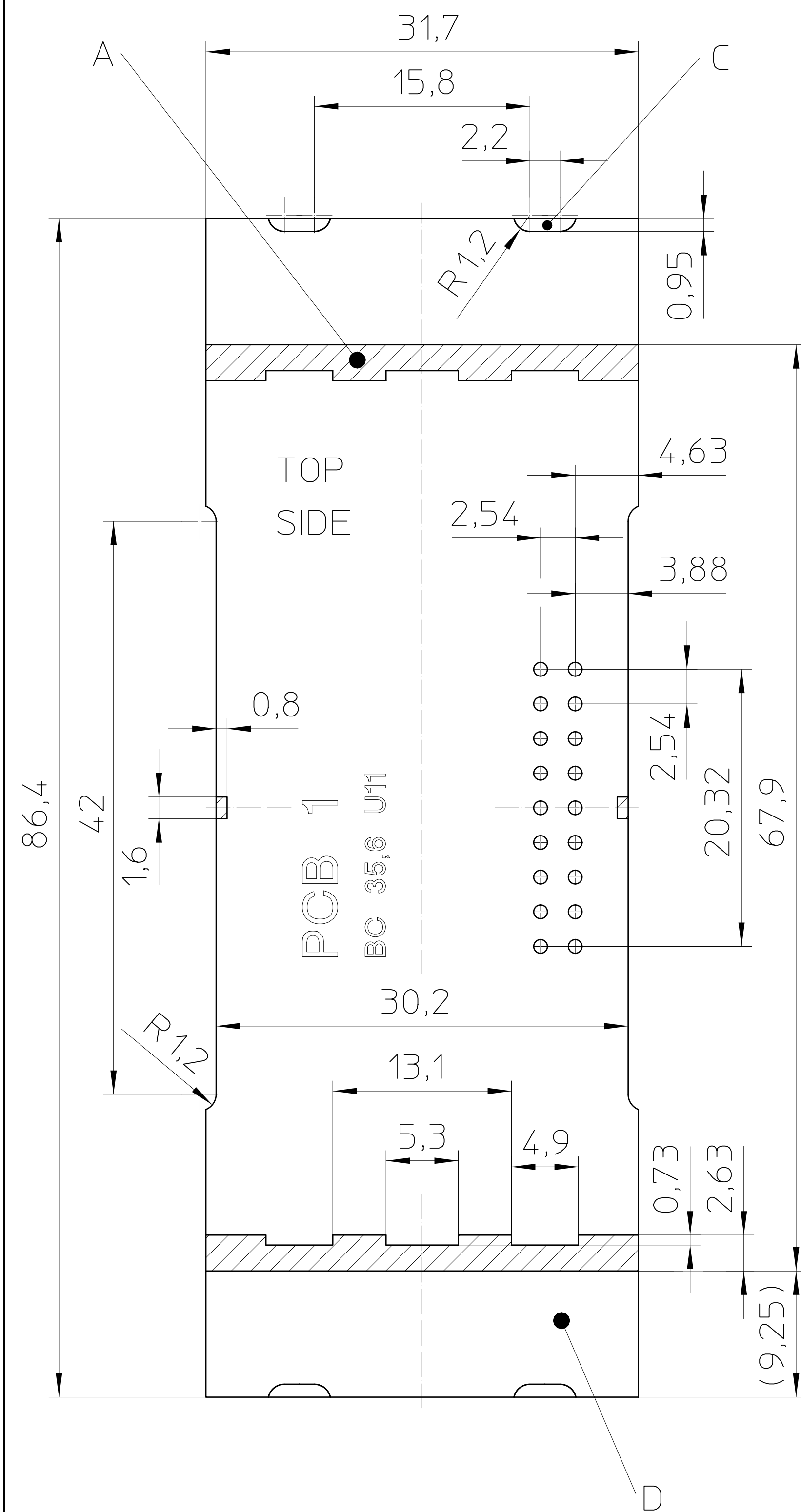
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Recommended PCB 1 BC 35,6 U11/U22

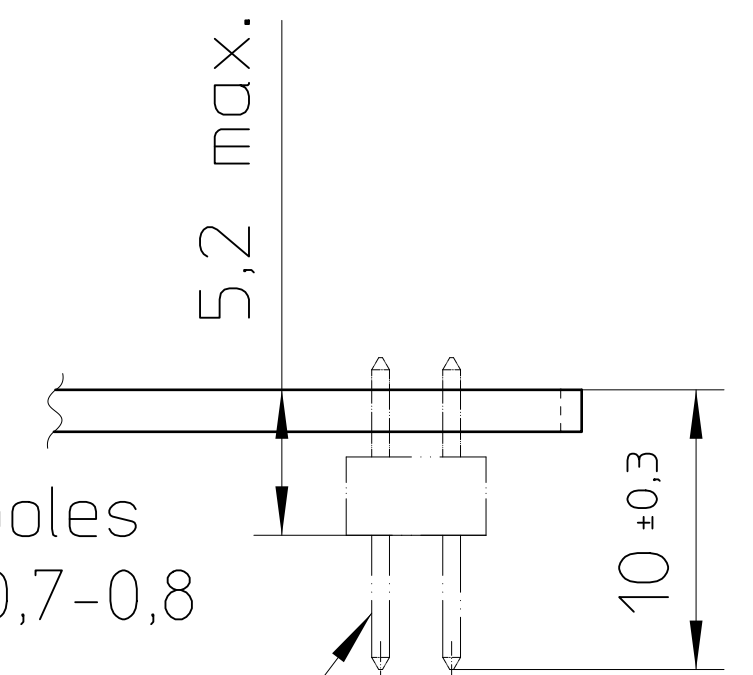
BC PCB 1 35,6 U11

BC PCB 1 35,6 U22

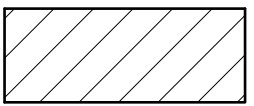
BC PCB 1 35,6 ...



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

	document-No. / RI 01365969 / 00		date 18.03.2021	scale 2:1
	ident.-No. 1006944	document-type TECDOC 2D_PCB-Outline		
page 2 of 10		description BC 161,6 OT U11 BK VPE80		

A



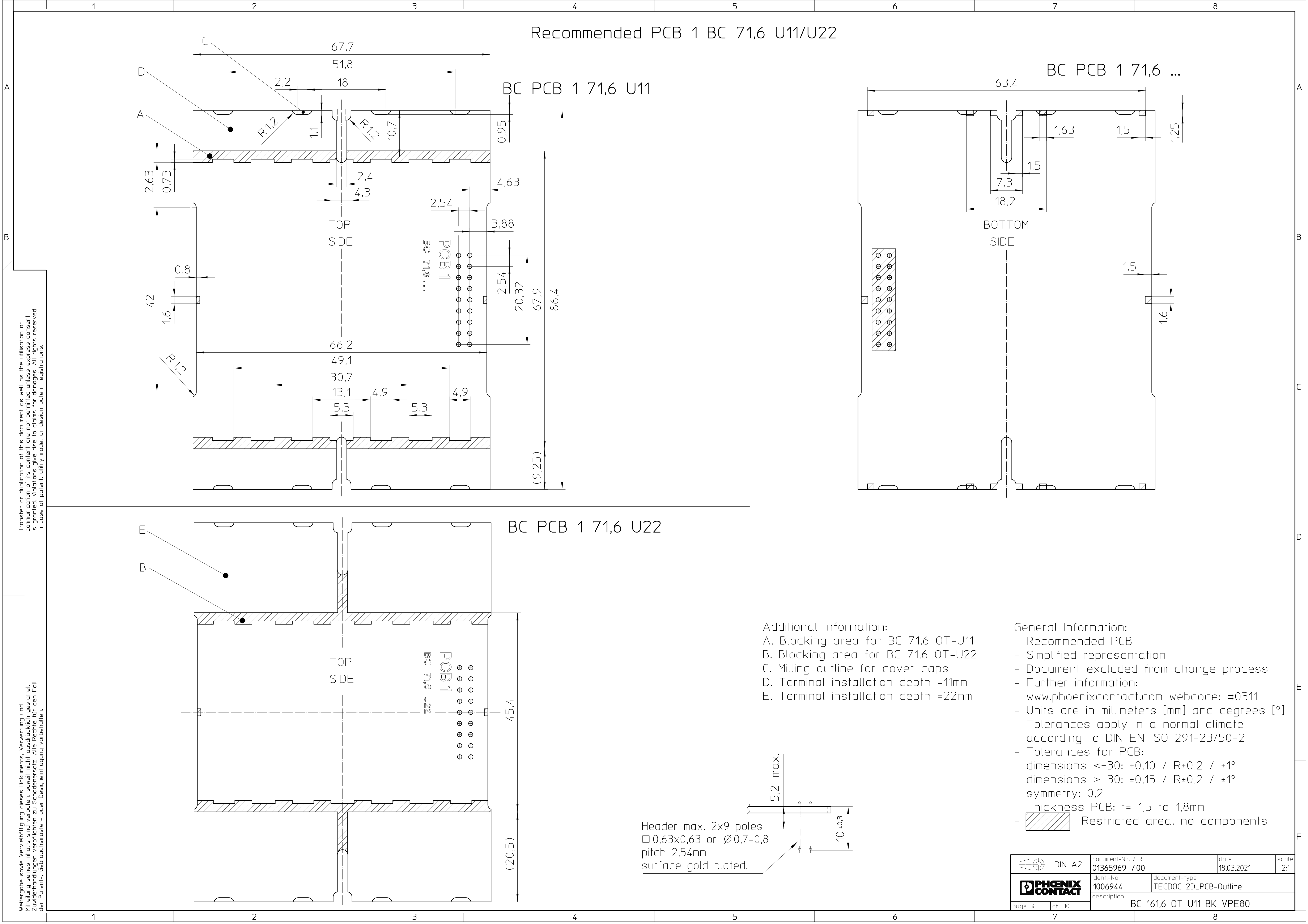
A



11

-

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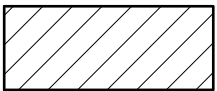
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Additional Information:

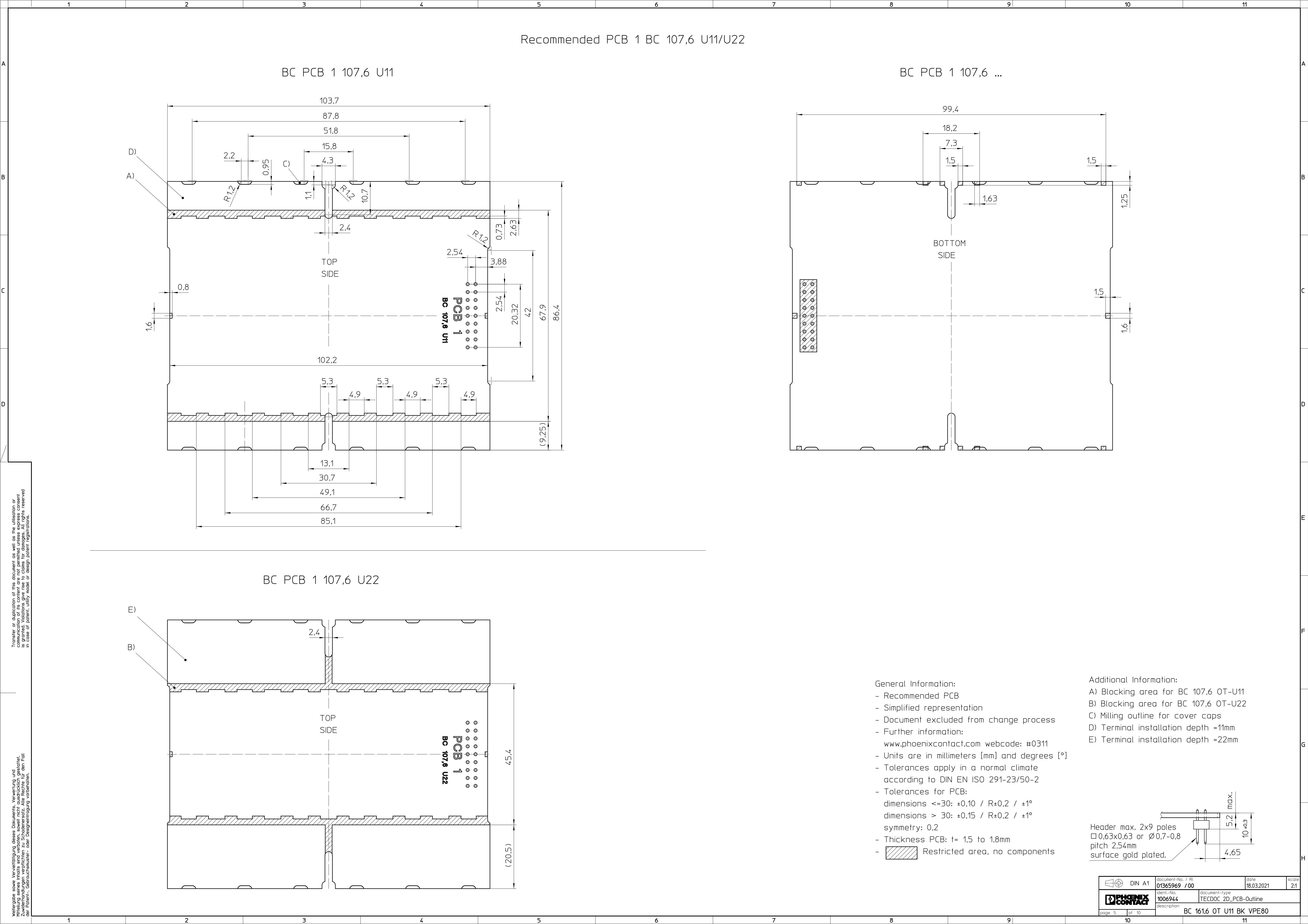
- A. Blocking area for BC 71,6 OT-U11
- B. Blocking area for BC 71,6 OT-U22
- C. Milling outline for cover caps
- D. Terminal installation depth =11mm
- E. Terminal installation depth =22mm

General Information:

- 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

Header max. 2x9 poles
□0,63x0,63 or Ø0,7-0,8
pitch 2,54mm
surface gold plated.

	DIN A2	document-No. / RI 01365969 / 00	date 18.03.2021	scale 2:1
	ident.-No. 1006944	document-type TECDOC 2D_PCB-Outline	description BC 161,6 OT U11 BK VPE80	
page 4	of 10			



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Recommended PCB 1 BC 107,6 U11/U22

BC PCB 1 107,6 U11

BC PCB 1 107,6 ...

BC PCB 1 107,6 U22

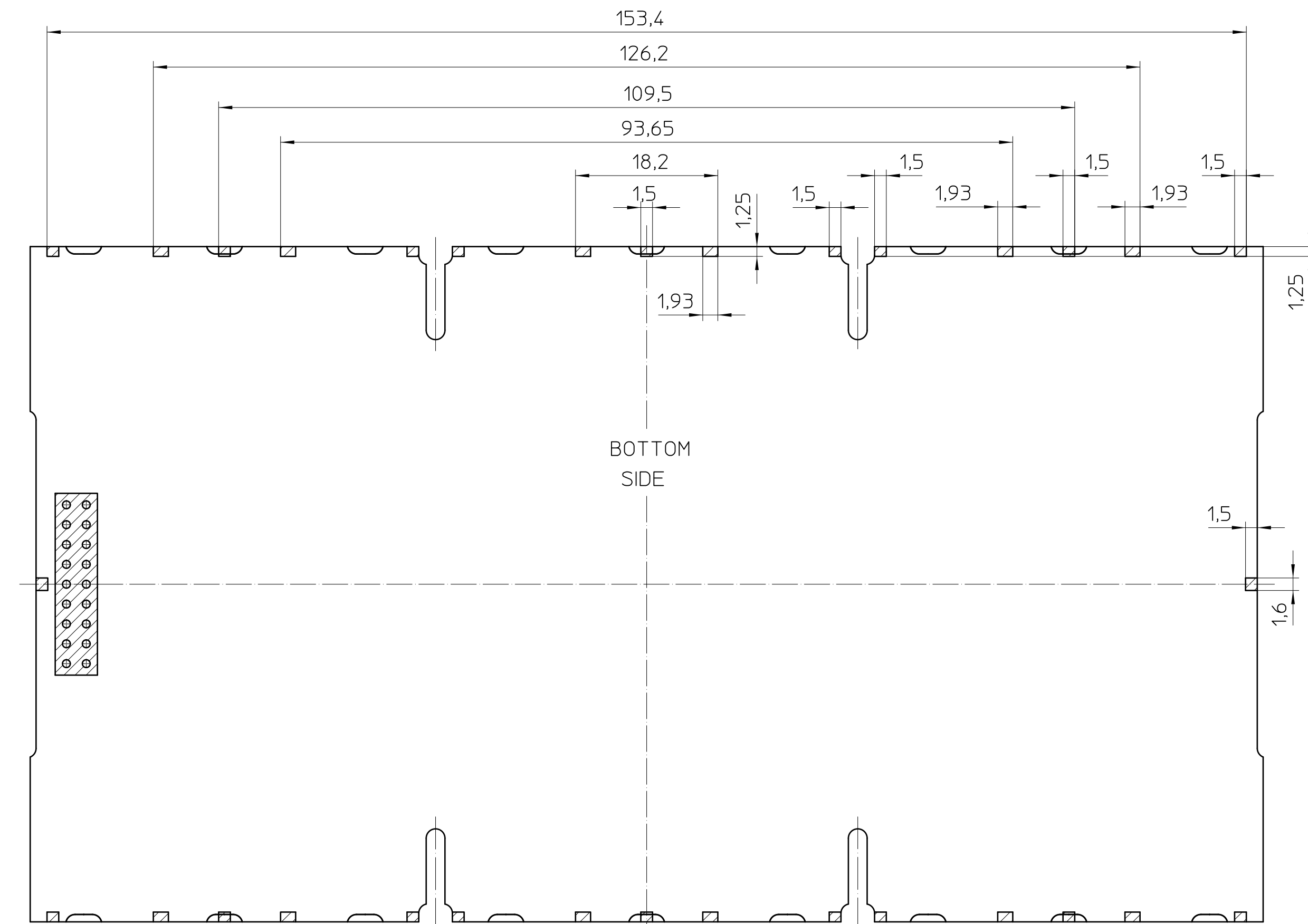
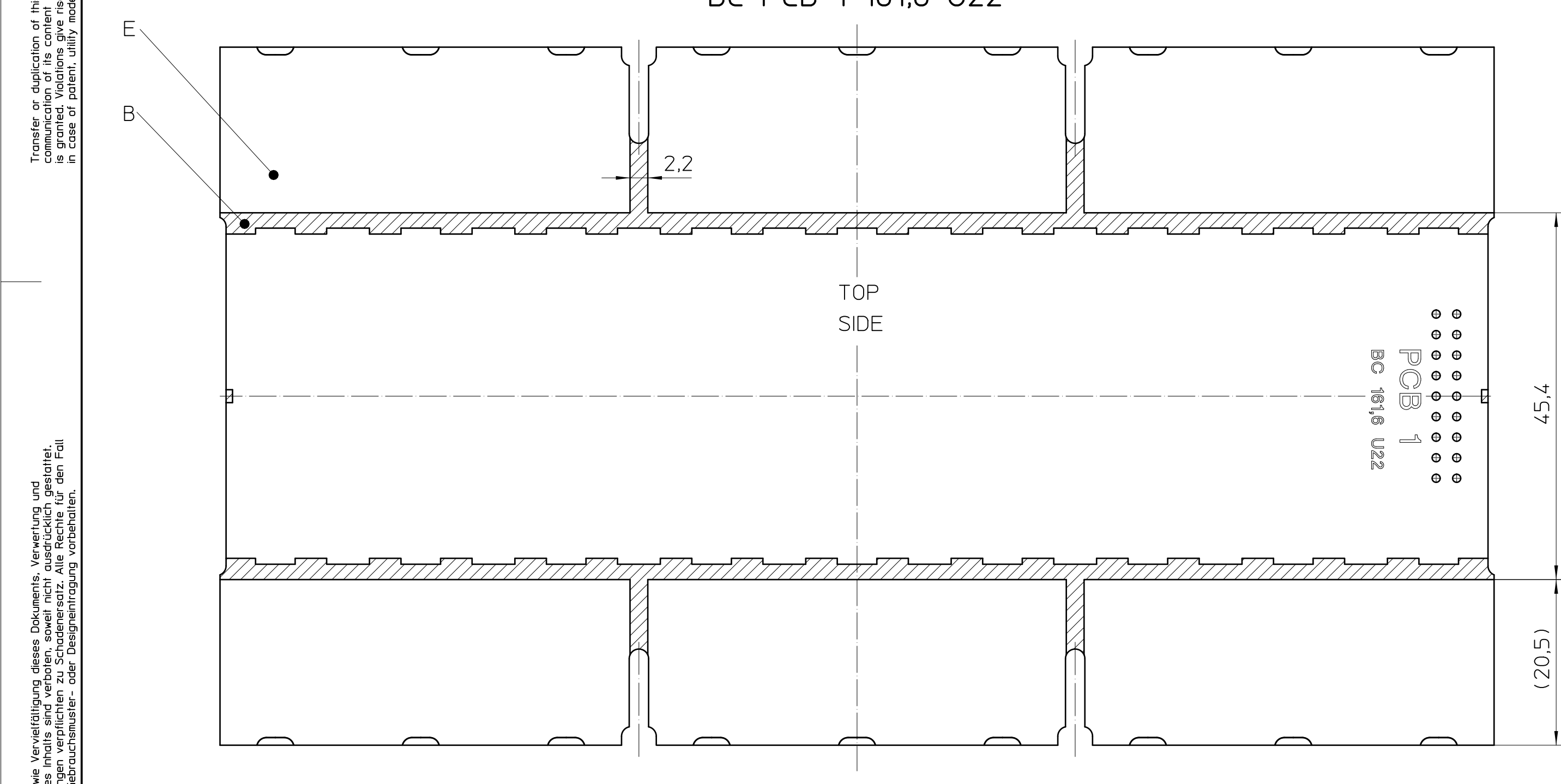
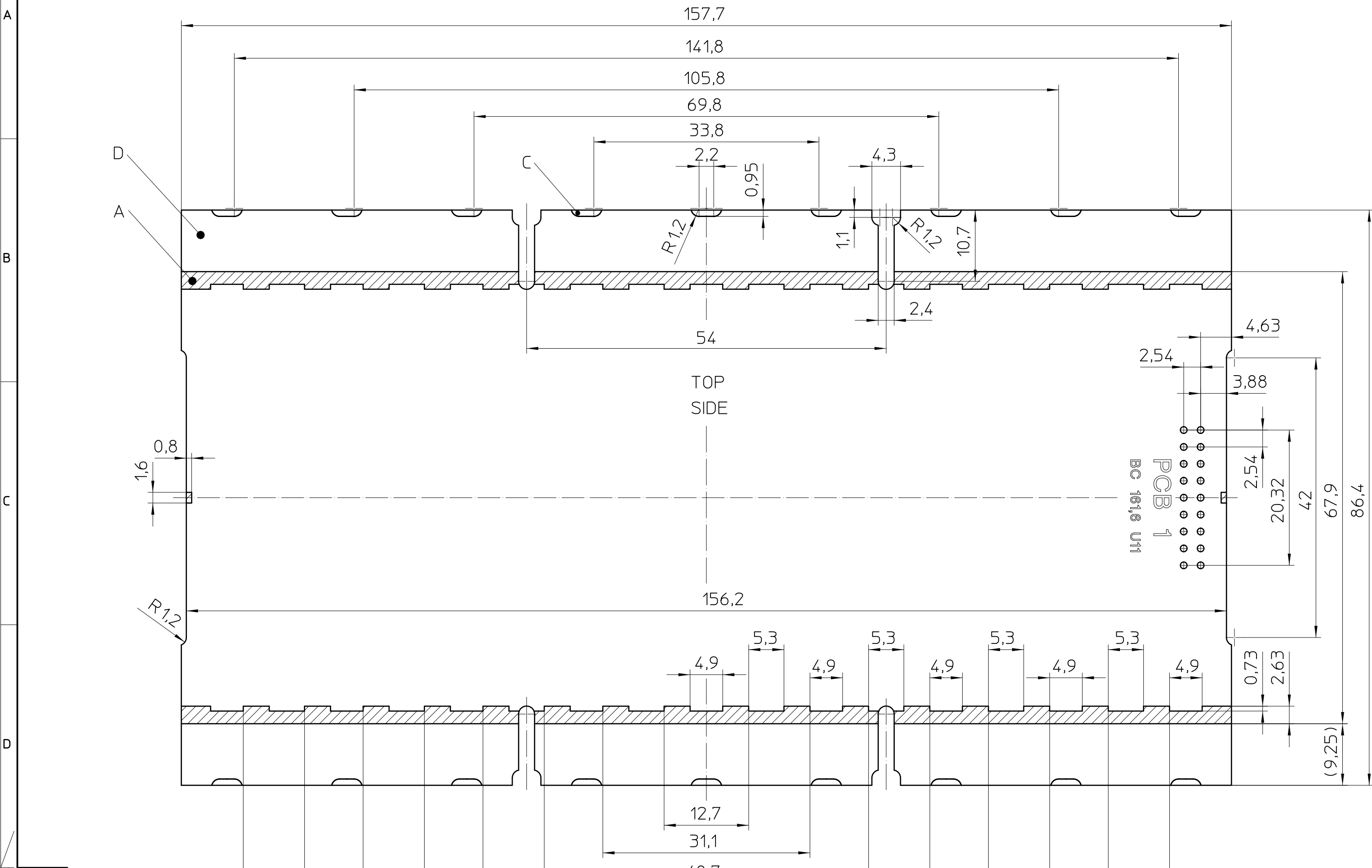
- General Information:
- Recommended PCB
 - Simplified representation
 - Document excluded from change process
 - Further information:
www.phoenixcontact.com webcode: #0311
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
 - Tolerances for PCB:
dimensions ≤ 30 : $\pm 0,10$ / $R \pm 0,2$ / $\pm 1^\circ$
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 107,6 OT-U11
 - B) Blocking area for BC 107,6 OT-U22
 - C) Milling outline for cover caps
 - D) Terminal installation depth $\approx 11\text{mm}$
 - E) Terminal installation depth $\approx 22\text{mm}$

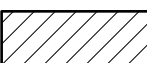
Header max. 2x9 poles
 $\square 0,63 \times 0,63$ or $\varnothing 0,7-0,8$
pitch 2,54mm
surface gold plated.

	DIN A1	document-No. / Ri 01365969 / 00	date 18.03.2021	scale 2:1
	ident.-No. 1006944	document-type TECDOC 2D_PCB-Outline	description BC 161,6 OT U11 BK VPE80	
page 5	of 10			

	1	2	3	4	5	6	7	8	9		10	11
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Header max. 2x9 poles
 □ 0,63x0,63 or Ø 0,7-0,8
 pitch 2,54mm
 surface gold plated.

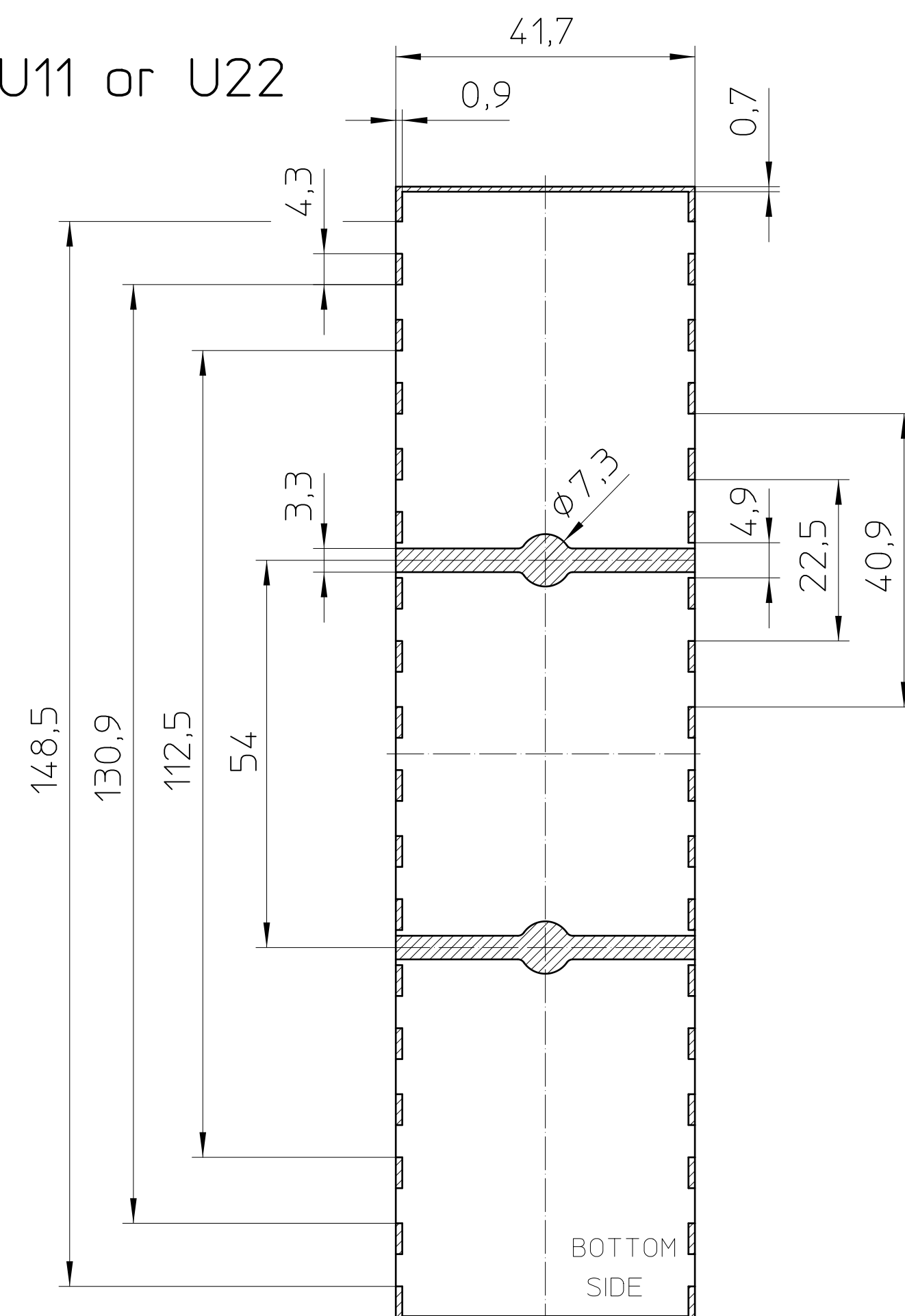
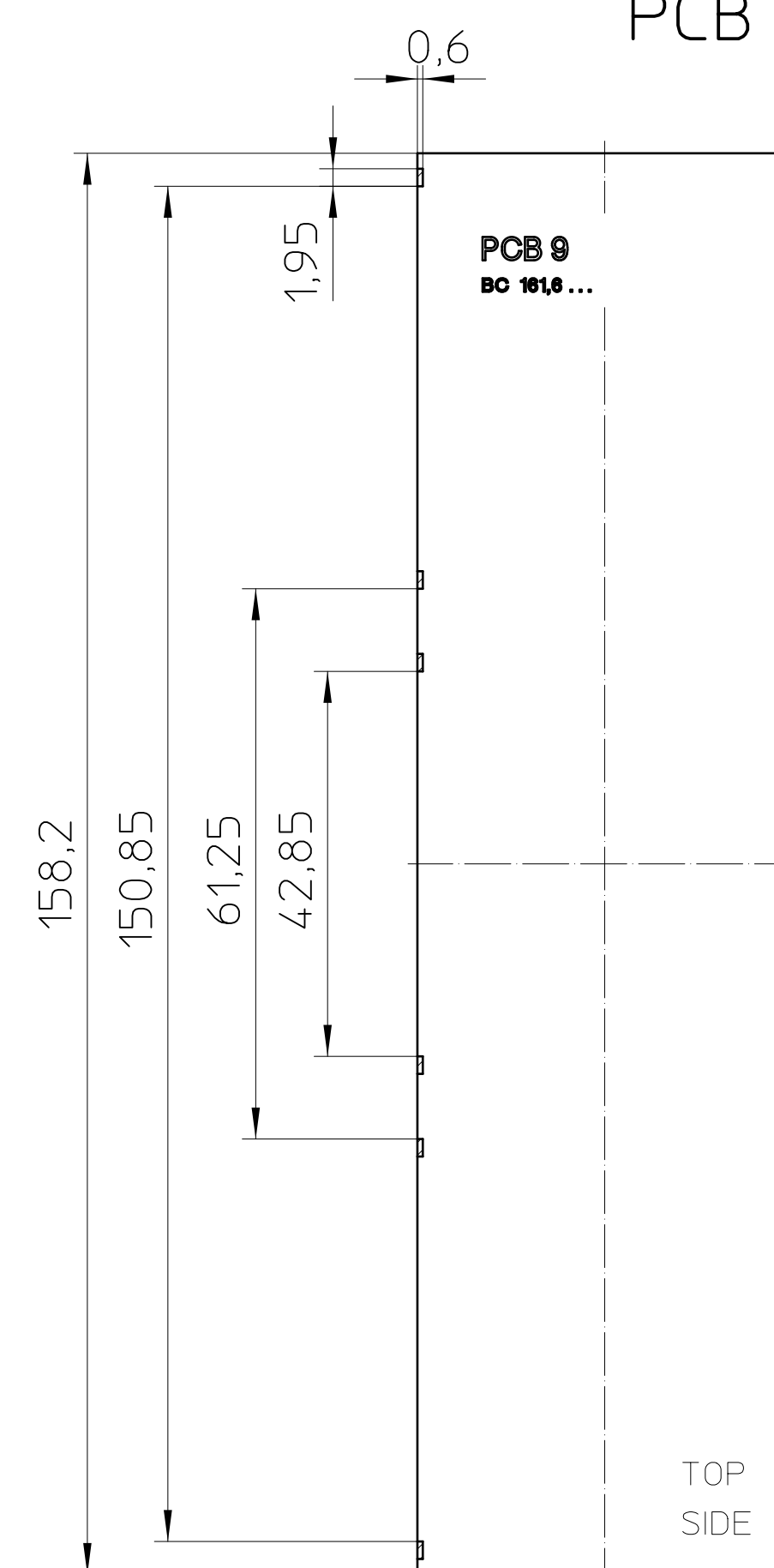
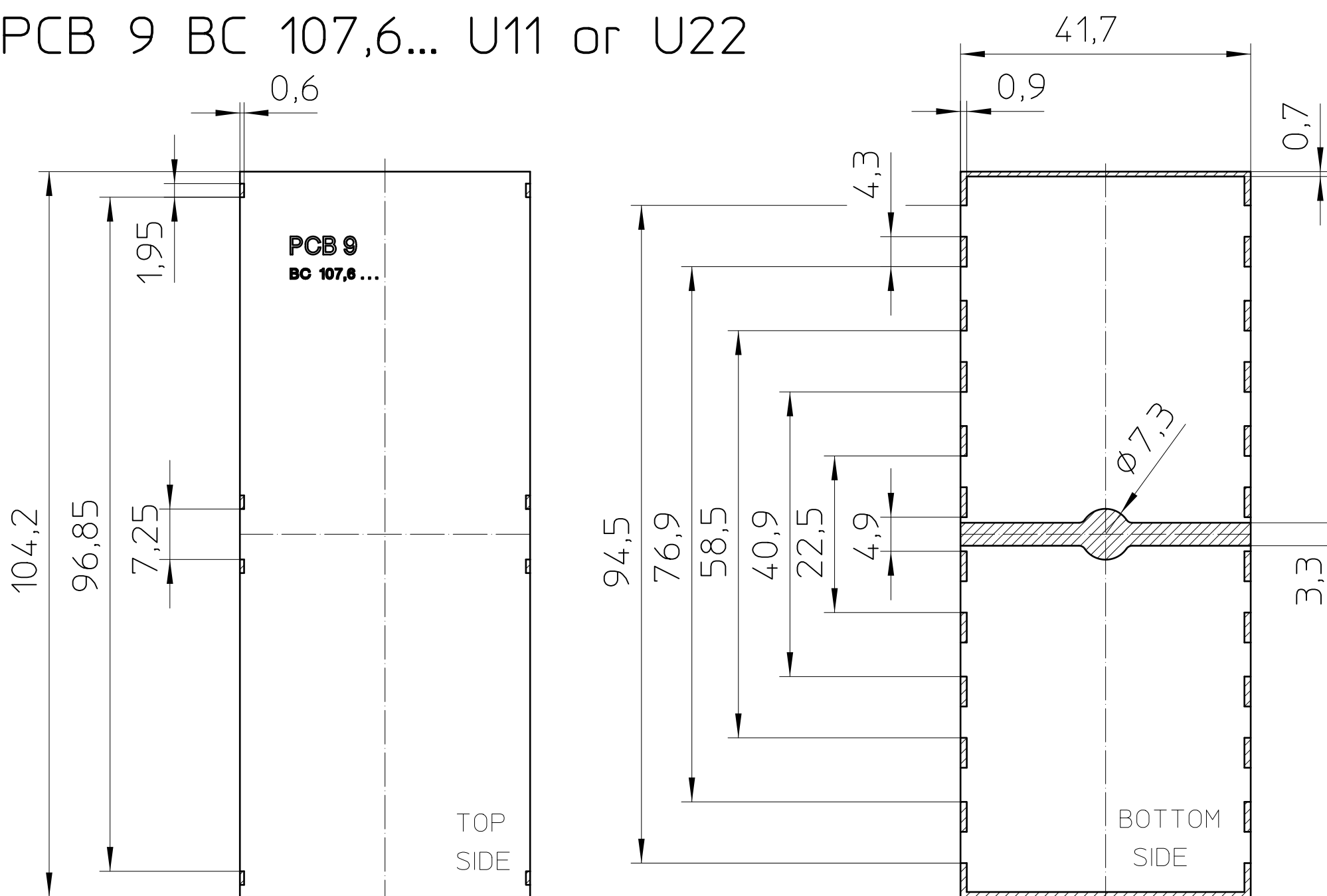
- General Information:
 - Recommended PCB
 - Simplified representation
 - Document excluded from change process
 - Further information:
 - www.phoenixcontact.com webcode: #0311
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
 - Tolerances for PCB:
 - dimensions ≤ 30 : $\pm 0,10$ / $R \pm 0,2$ / $\pm 1^\circ$
 - 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

	DIN A1	document-No. / RI 01365969 / 00	date 18.03.2021	scale 2:1
		ident.-No. 1006944	document-type TECDOC 2D_PCB-Outline	
page 6	of 10	description BC 161,6 OT U11 BK VPE80		
	10	11		

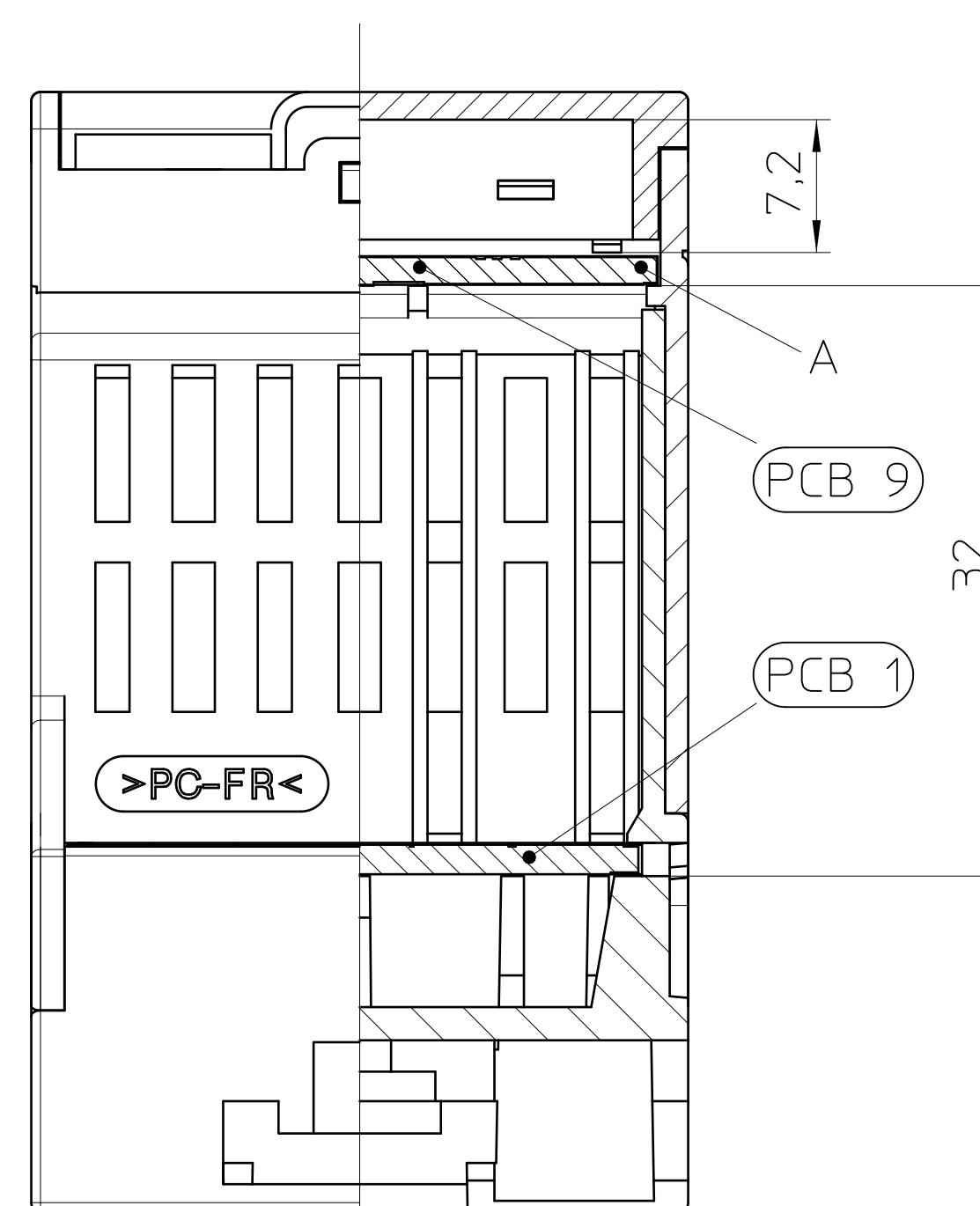
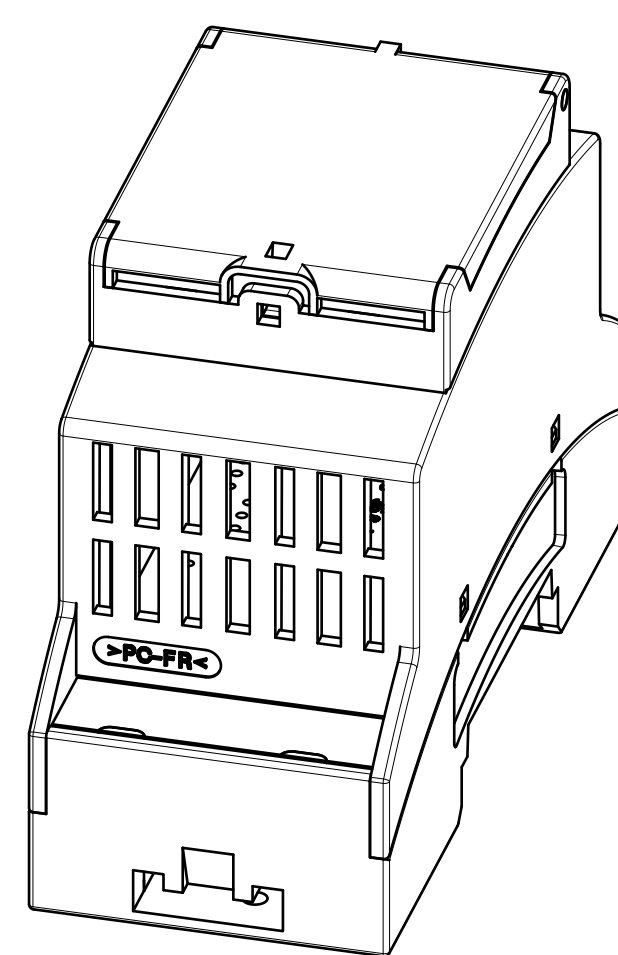
B

B

PCB 9 BC 107,6... U11 or U22



Assembly example for BC... PCB 9



2:1

- 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: $t = \max 1,8\text{mm}$
-  Restricted area, no components

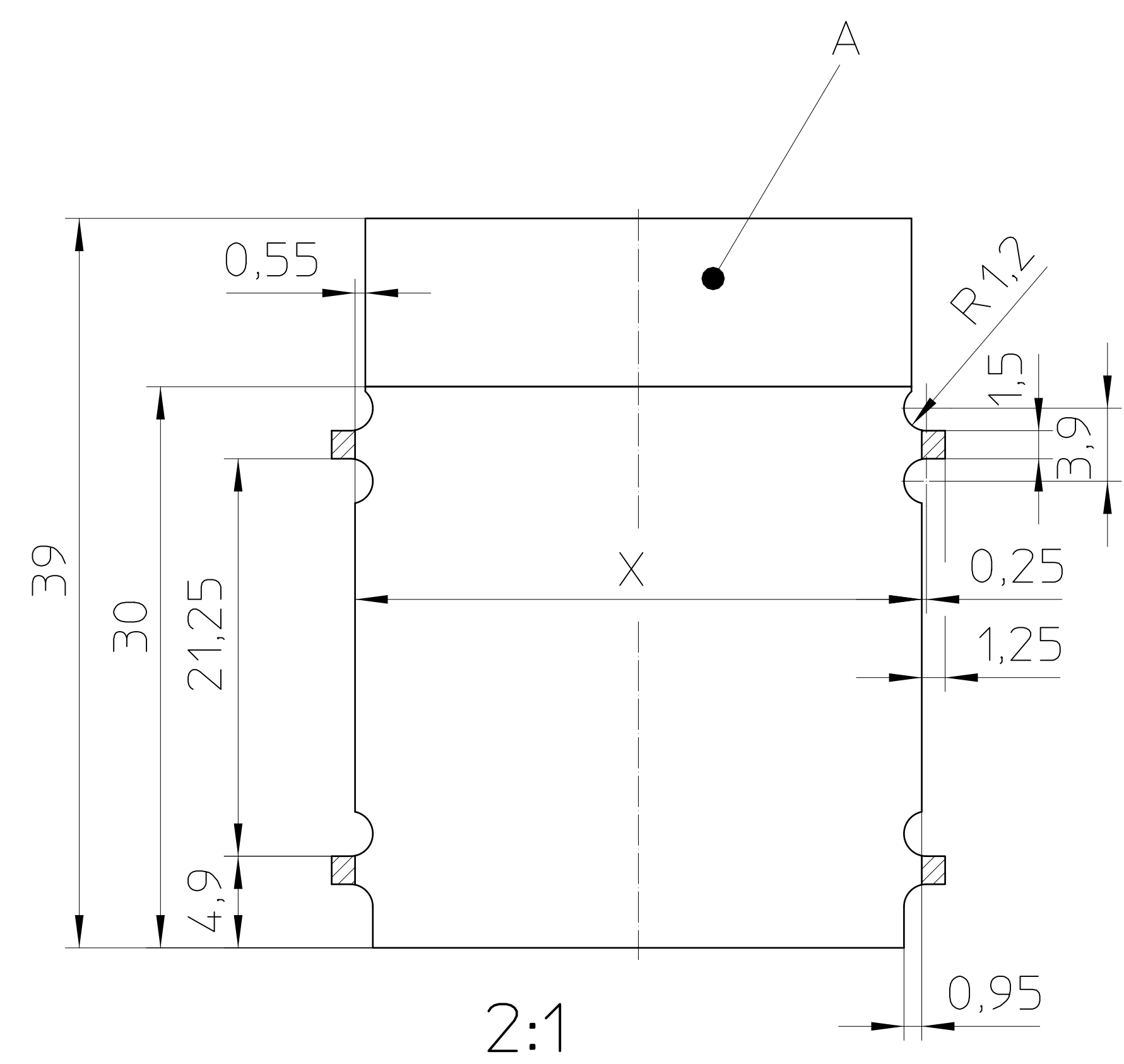
A. Position PCB 9 or position Plate

 DIN A2		document-No. / RI 01365969 / 00	date 18.03.2021	scale 1:1
 PHOENIX CONTACT		ident.-No. 1006944	document-type TECD0C_2D_PCB-Outline	
page 8 of 10		description BC 161,6 OT U11 BK VPE80		

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Recommended PCB 10 BC... U11/U22

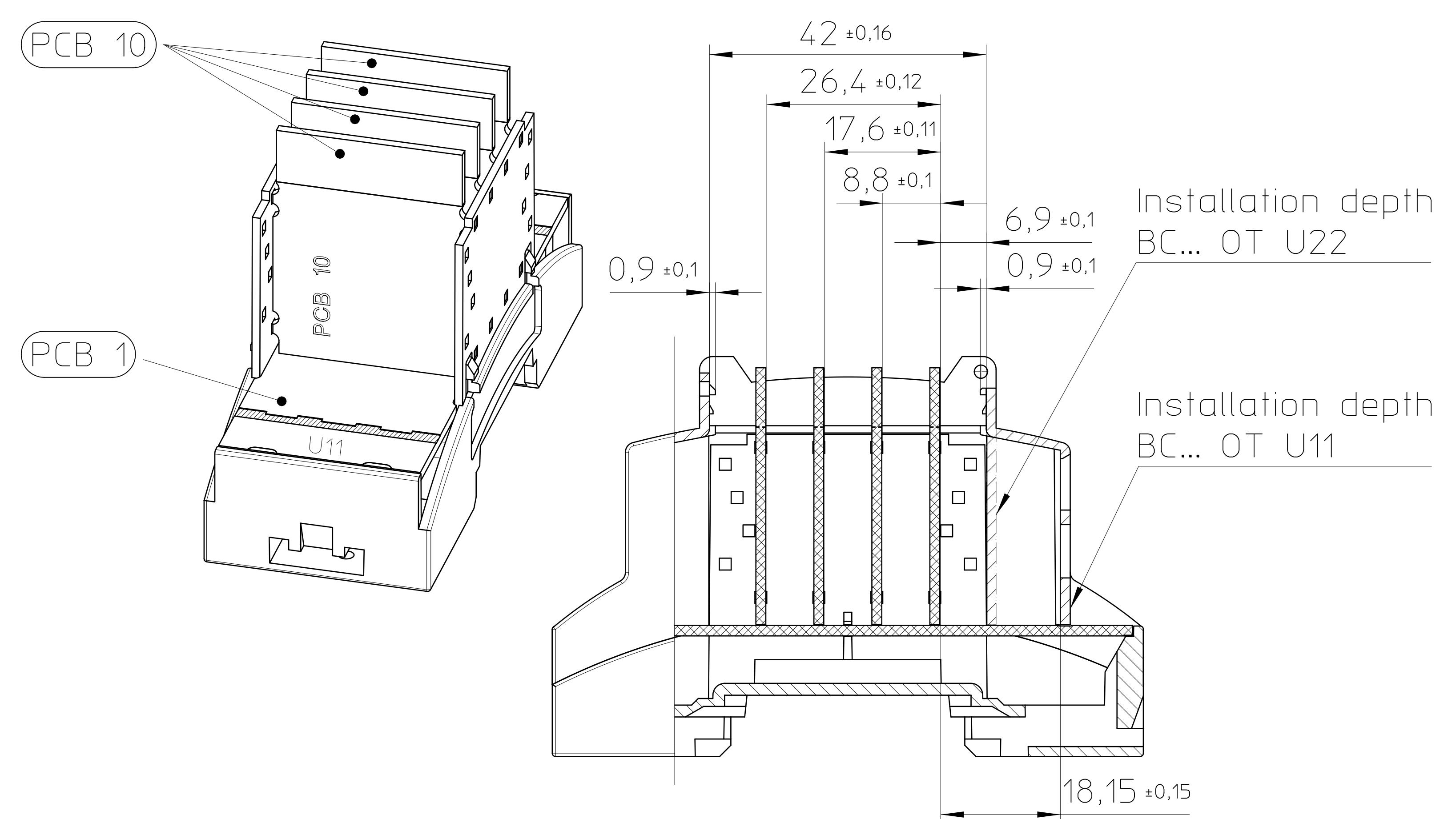


Type	Dimension X
BC 35,6 UT	30,3
BC 53,6 UT	48,3
BC 71,6 UT	66,3
BC 107,6 UT	102,3
BC 161,6 UT	156,3

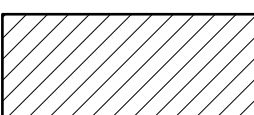
Additional Information:

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

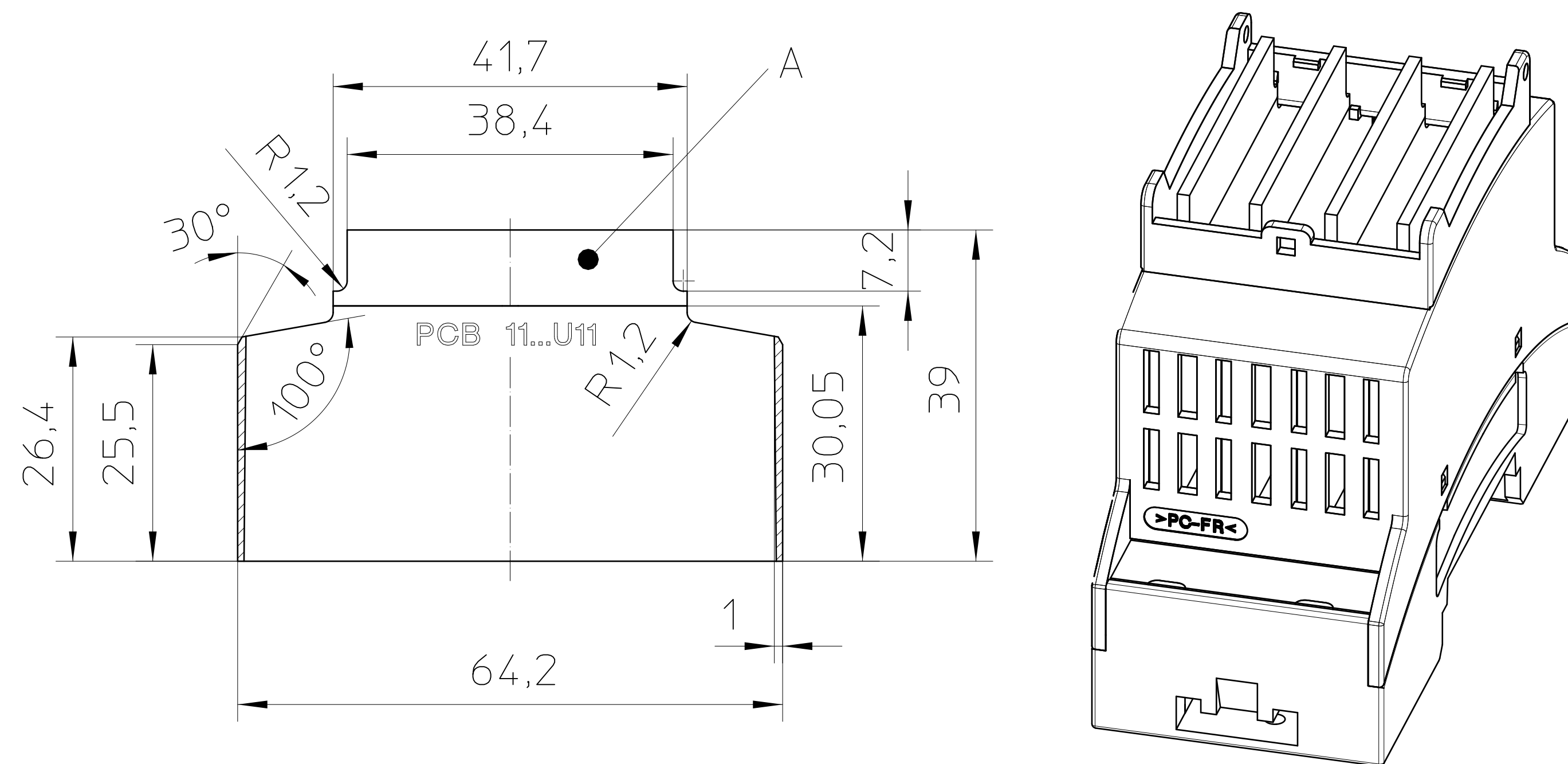


General Information:

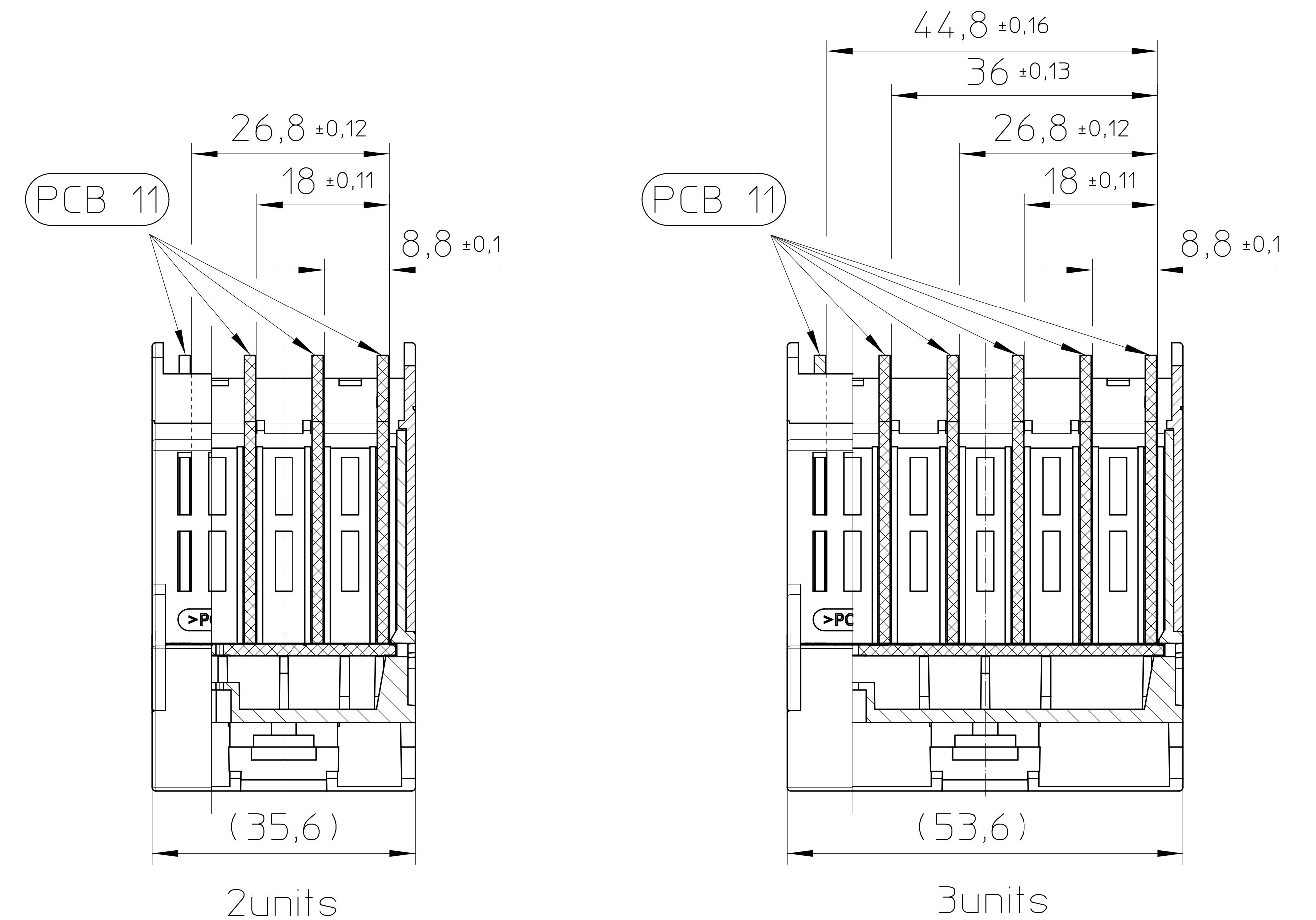
- Recommended PCB
- Simplified representation
- Document excluded from change process
- Further information: www.phoenixcontact.com webcode: #0311
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Tolerances for PCB:
dimensions ≤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. 1006944	document-type TECDOC 2D_PCB-Outline	
		description BC 161,6 OT U11 BK VPE80		
page 9	of 10			

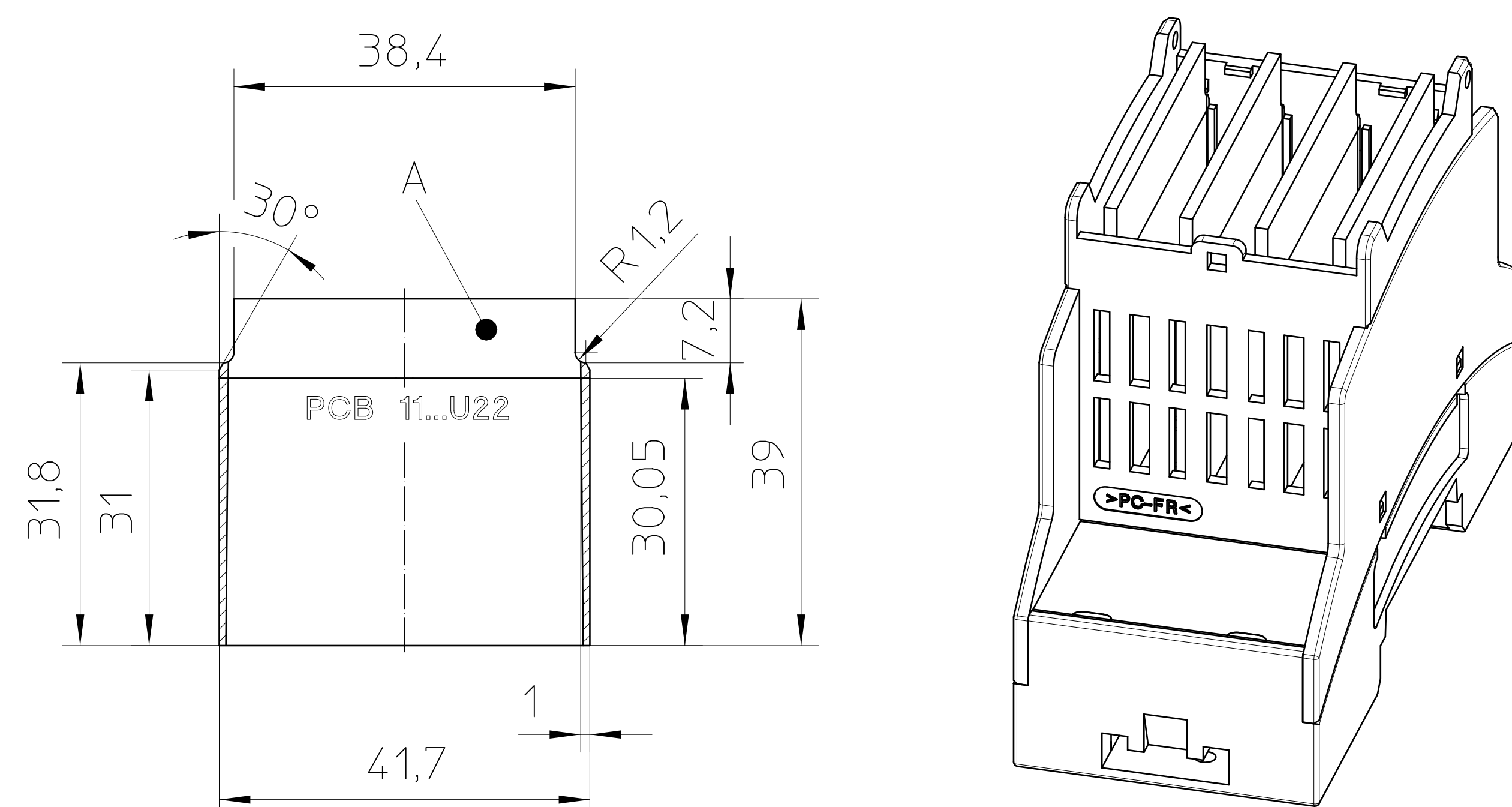
Recommended PCB 11 BC... U11



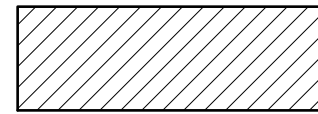
Assembly example for BC.. PCB11



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

Additional Information:

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