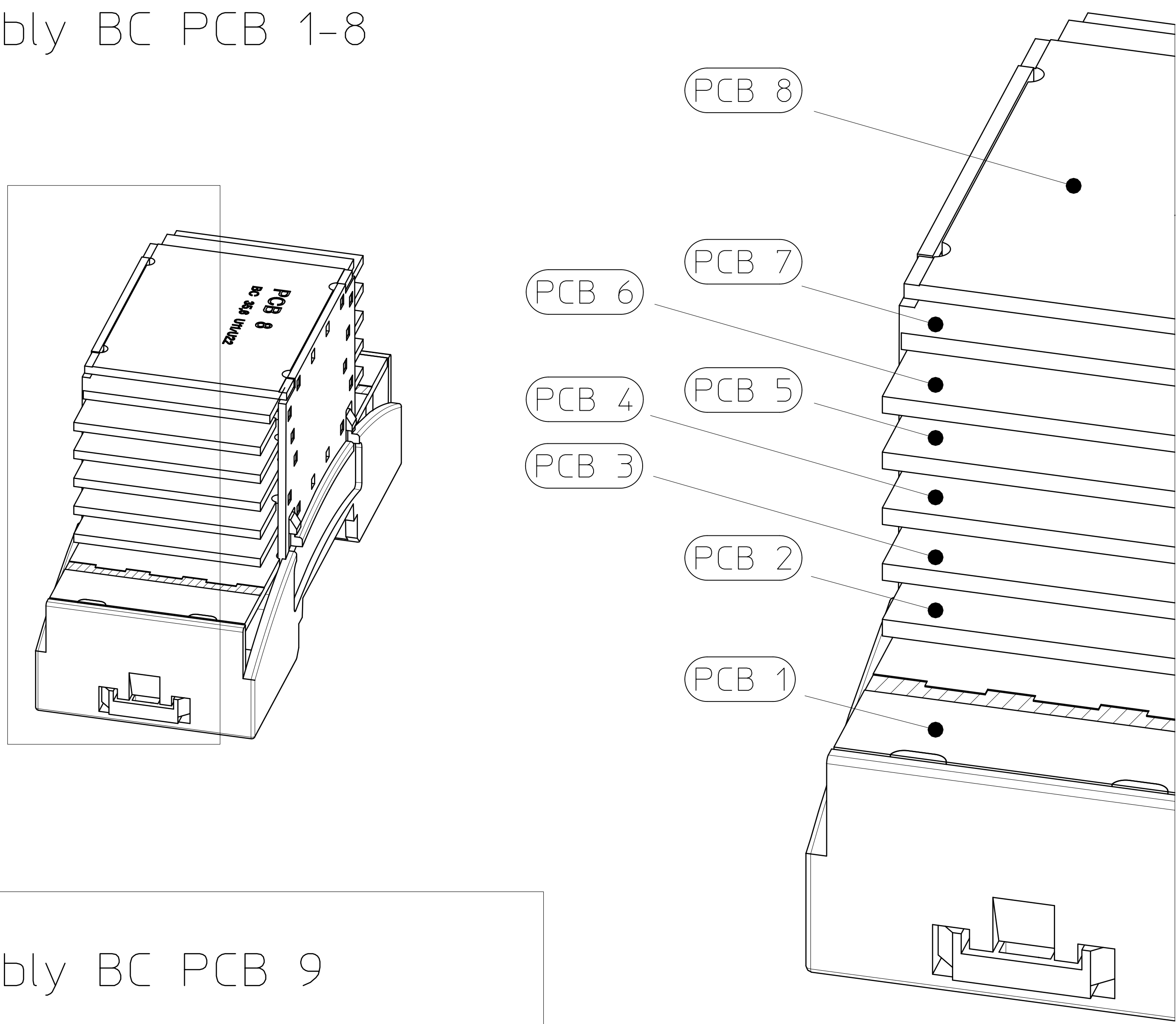


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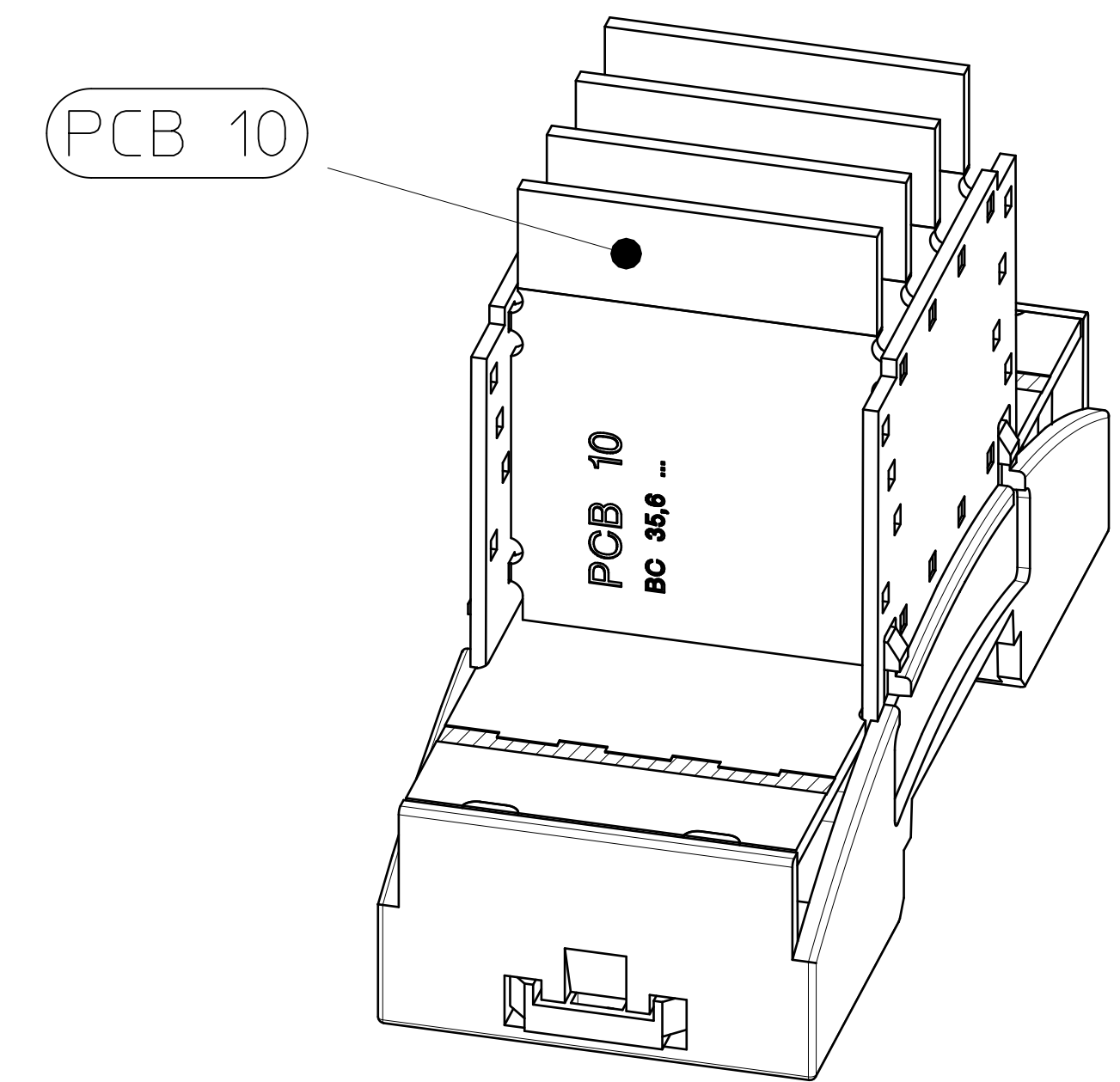
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Position of BC PCB 1-11 (Example BC 35,6 U11)

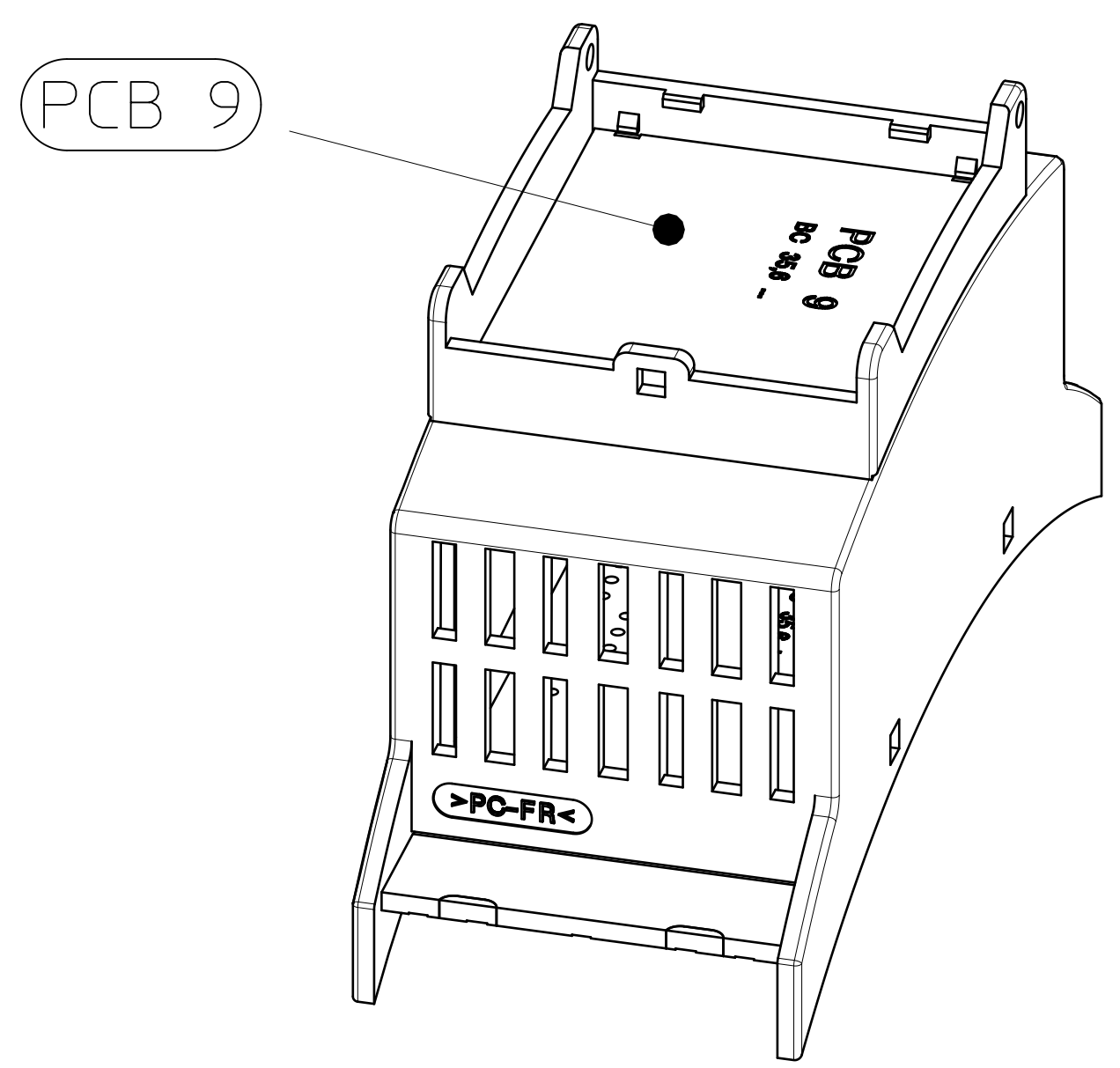
Assembly BC PCB 1-8



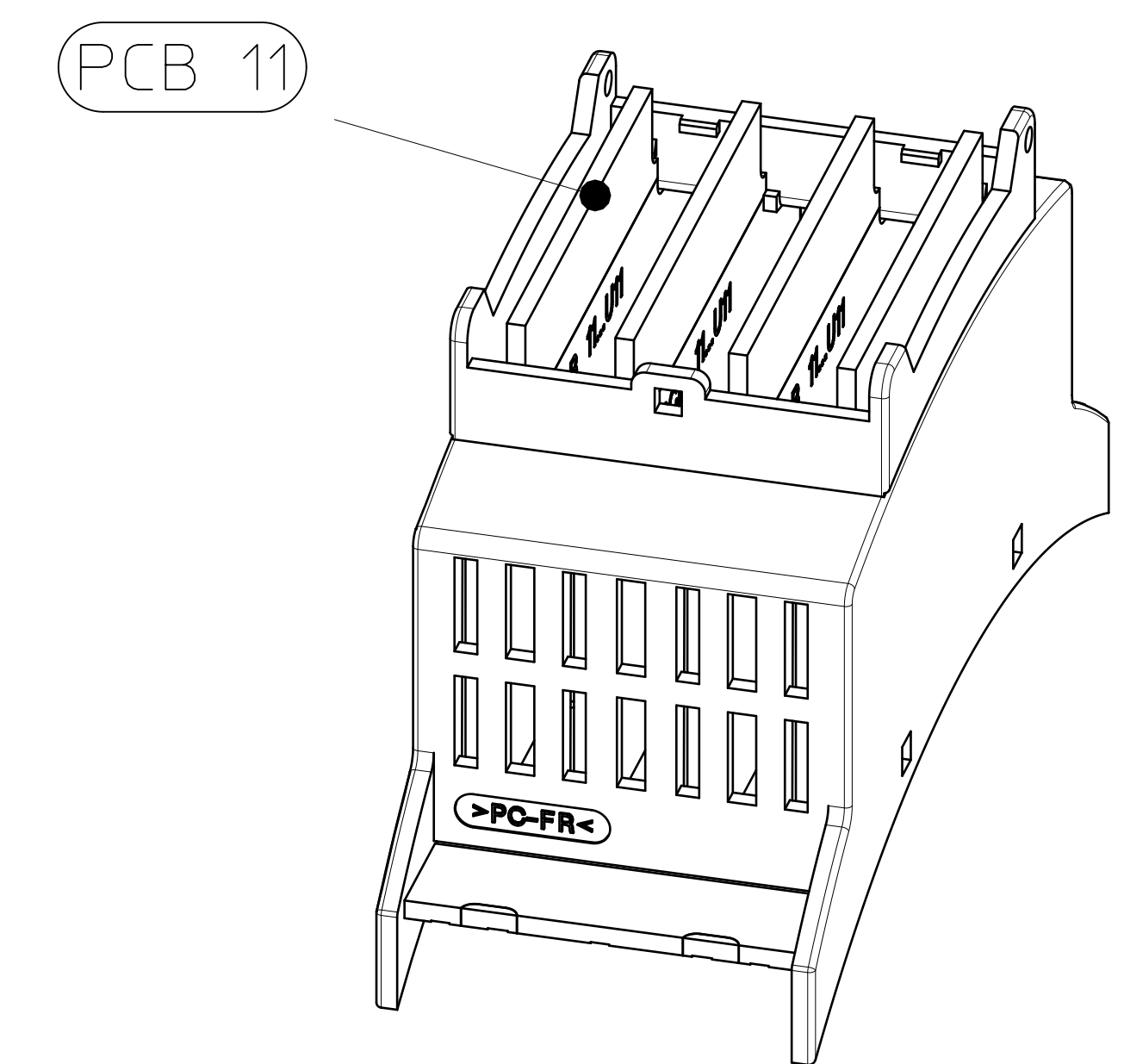
Assembly BC PCB 10

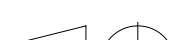


Assembly BC PCB 9



Assembly BC PCB 11



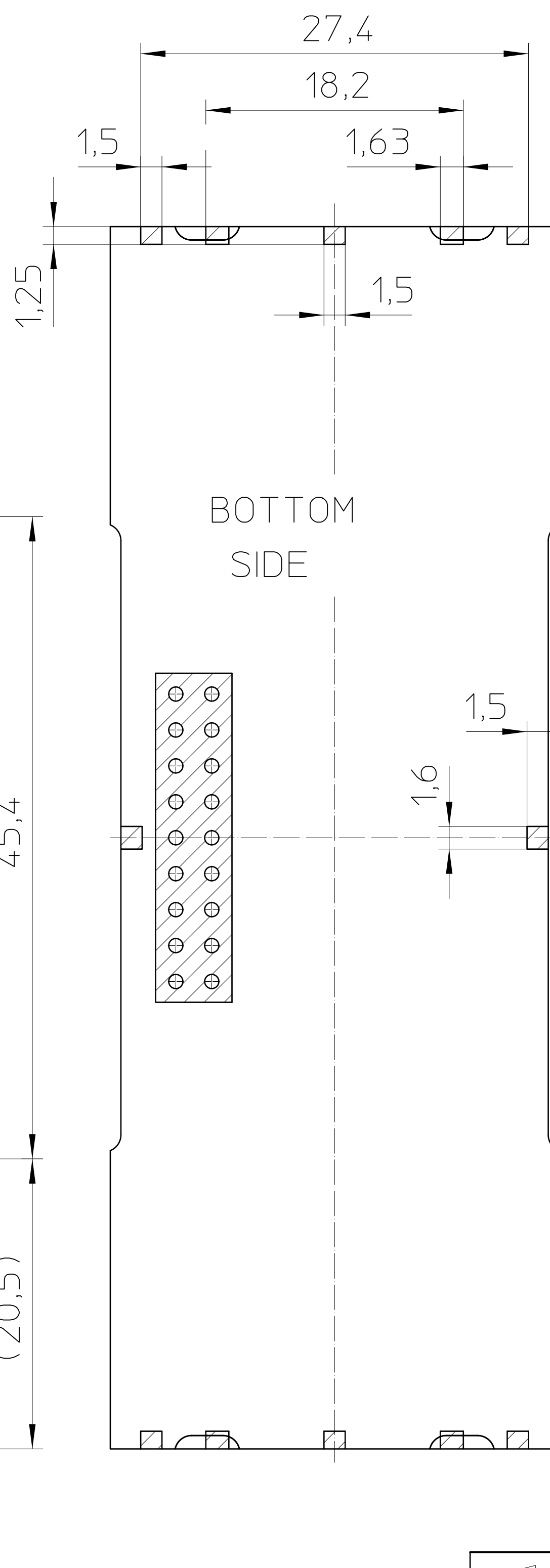
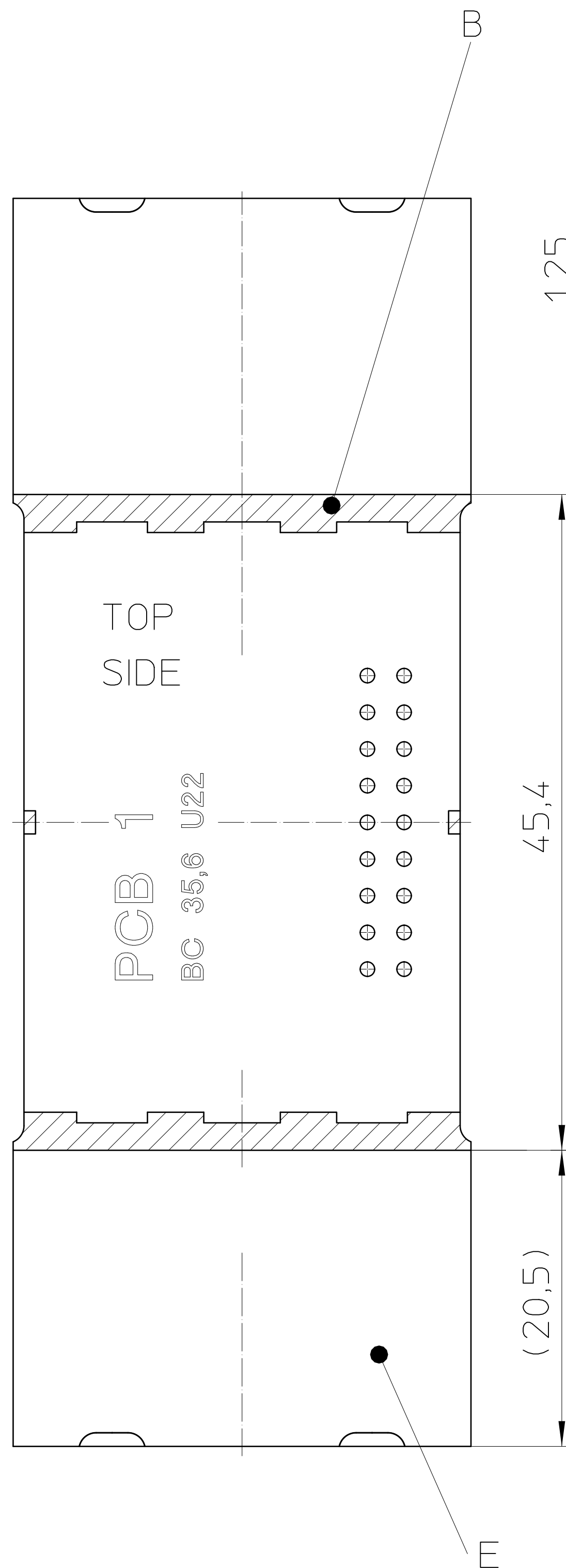
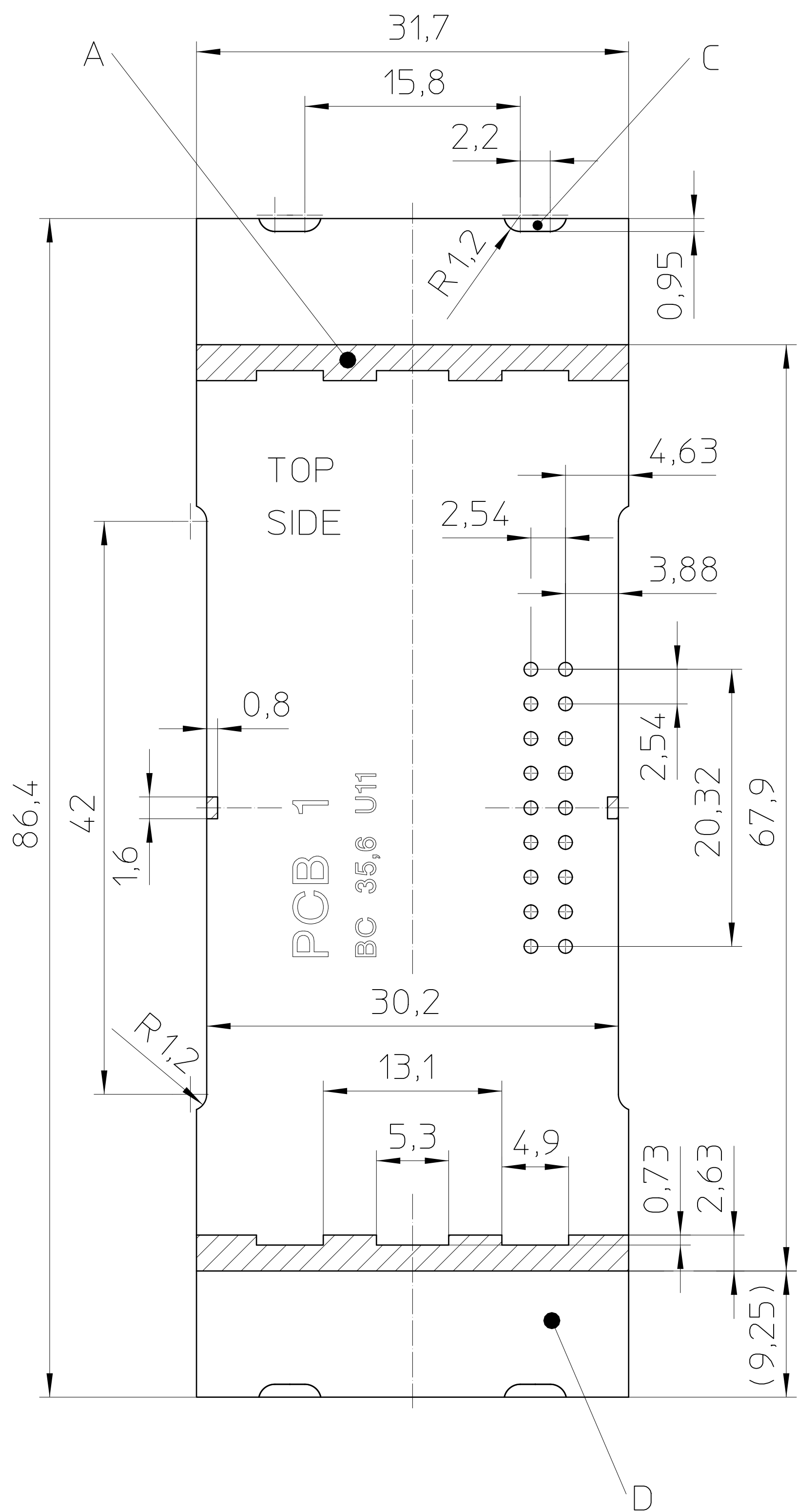
 DIN A3		document-No. / RI 01365969 / 00		date 18.03.2021	scale 1:1
		ident.-No. 1006941	document-type TECDOC 2D_PCB-Outline		
		description BC 53,6 OT U11 BK VPE240			
page 1	of 10				

Recommended PCB 1 BC 35,6 U11/U22

BC PCB 1 35,6 U11

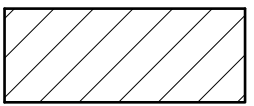
BC PCB 1 35,6 U22

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. 1006941	document-type TECDOC 2D_PCB-Outline		
page 2 of 10		description BC 53,6 OT U11 BK VPE240		

A



A



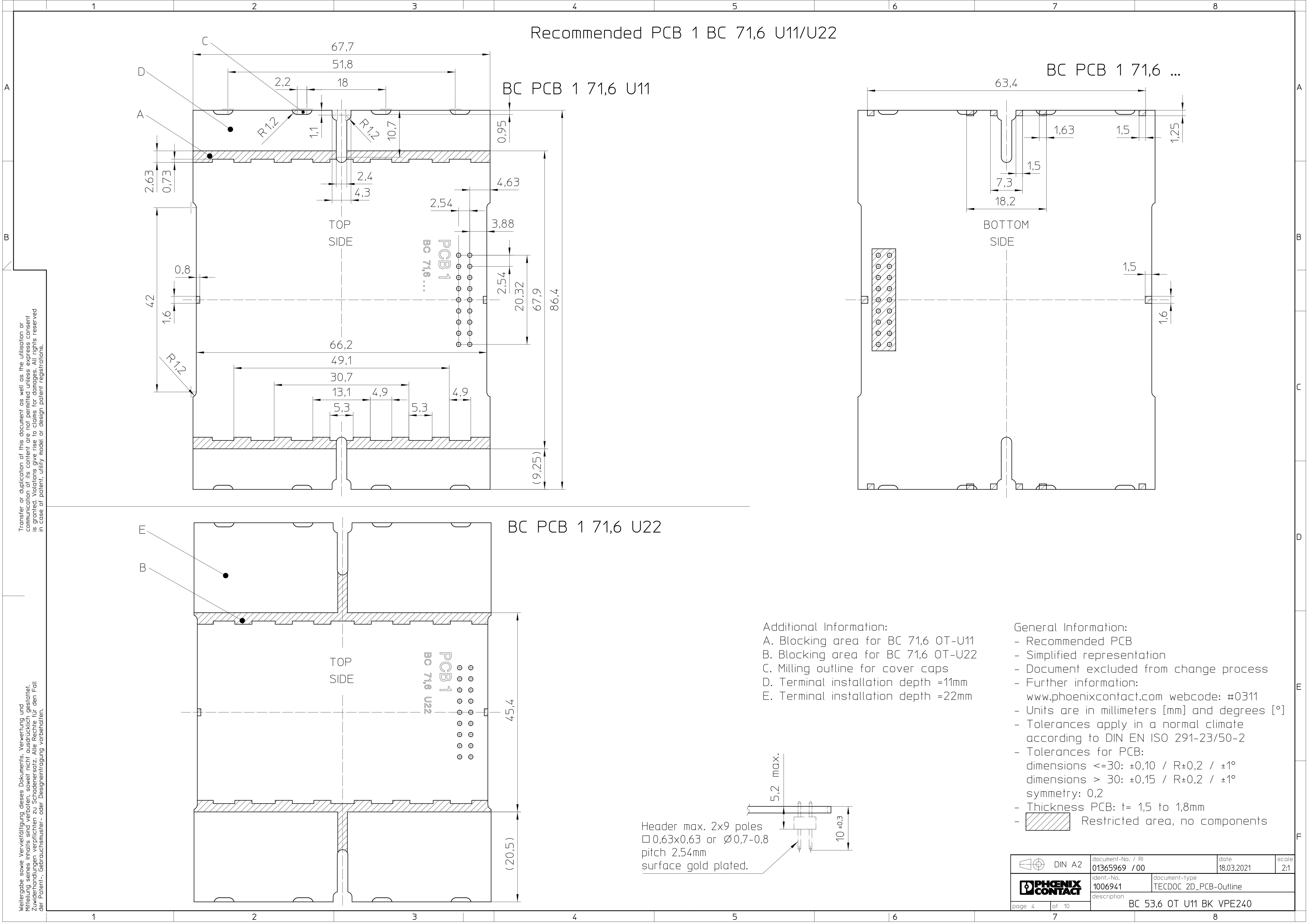
C

- D

E

- F





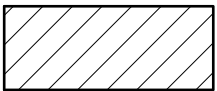
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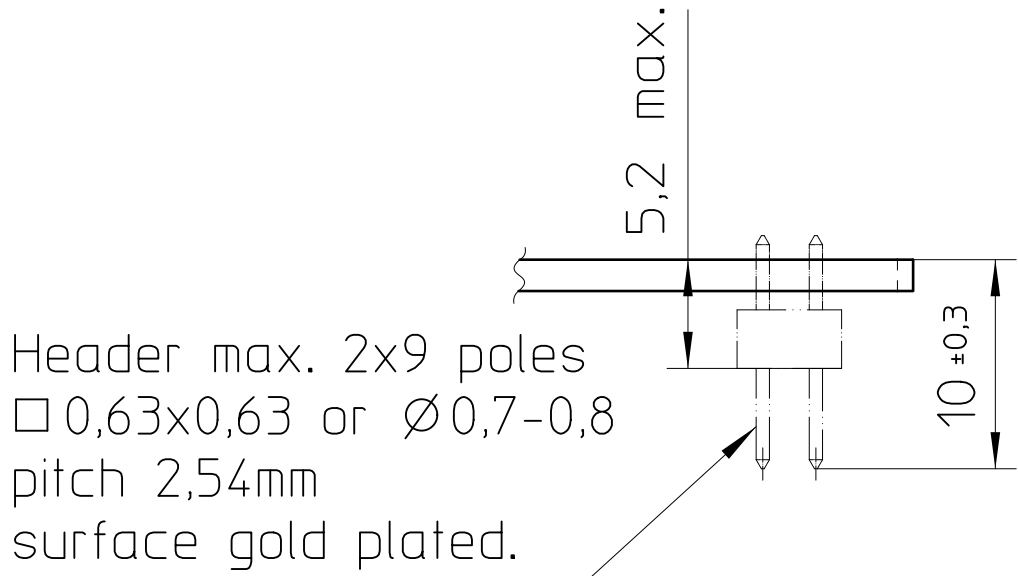
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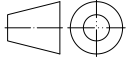
Additional Information:

- 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



 DIN A2	document-No. / RI 01365969 / 00	date 18.03.2021	scale 2:1
	ident.-No. 1006941	document-type TECDOC 2D_PCB-Outline	
page 4 of 10	description BC 53,6 OT U11 BK VPE240		

B

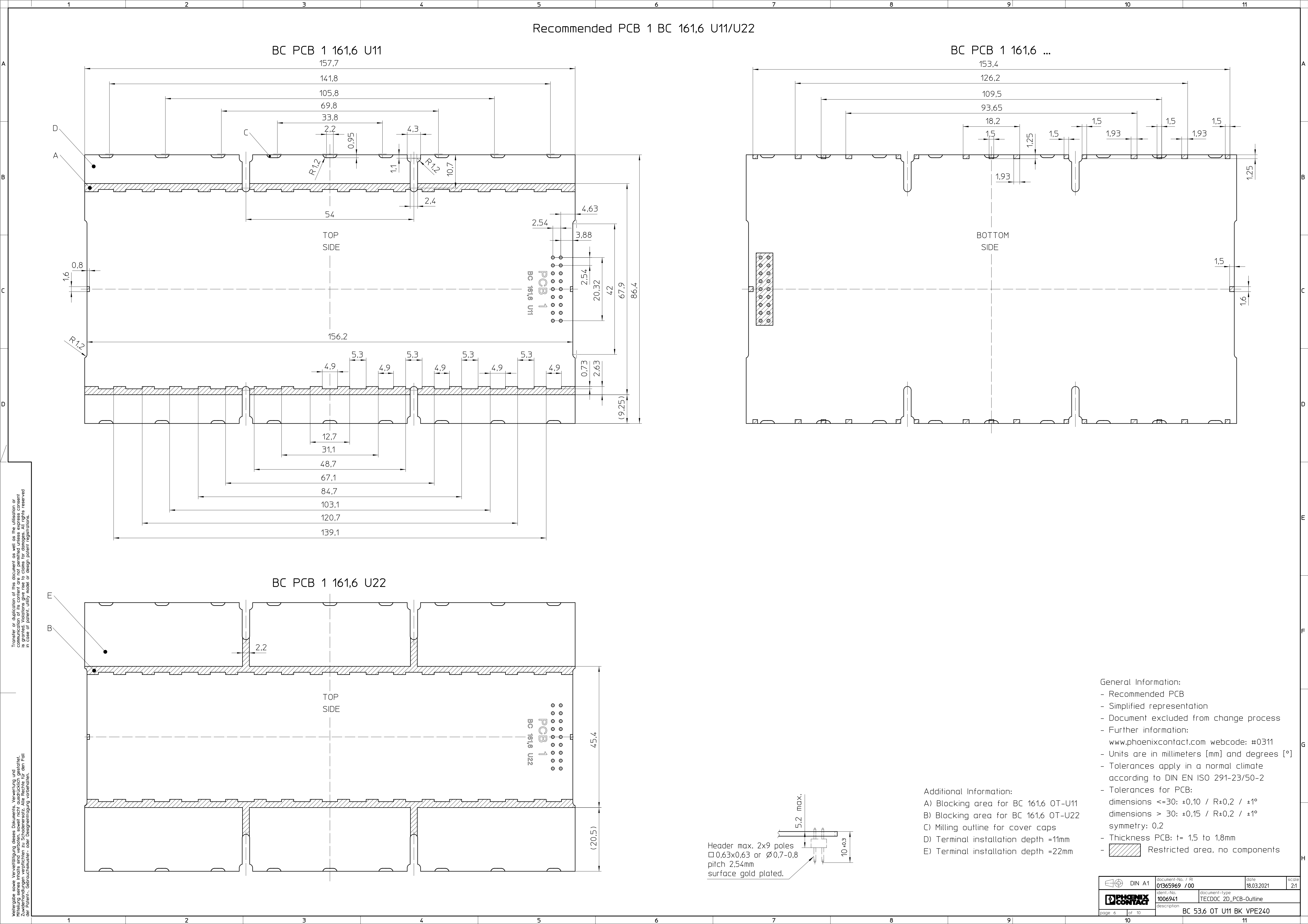


A	B	C	D	E	F	G	H
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D

 DIN A1	document-No. / RI	date	scale
	01365969 / 00	18.03.2021	2:1
	ident.-No.	document-type	
	1006941	TECD0C 2D_PCB-Outline	
description		BC 53,6 OT U11 BK VPE240	
page 5	of 10		



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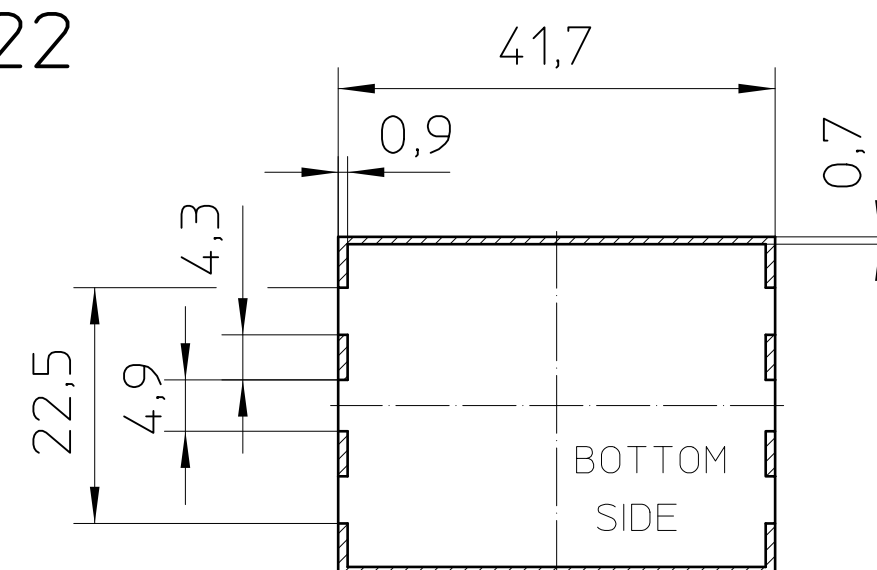
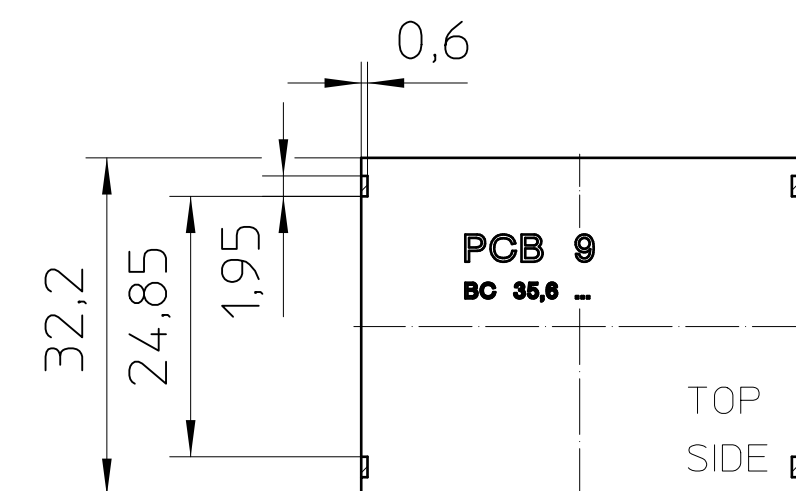
- General Information:
- Recommended PCB
 - Simplified representation
 - Document excluded from change process
 - Further information:
www.phoenixcontact.com webcode: #0311
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
 - Tolerances for PCB:
dimensions ≤30: ±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 161,6 OT-U11
 - B) Blocking area for BC 161,6 OT-U22
 - C) Milling outline for cover caps
 - D) Terminal installation depth =11mm
 - E) Terminal installation depth =22mm

		DIN A1		document-No. / RI 01365969 / 00	date 18.03.2021	scale 2:1
				ident.-No. 1006941	document-type TECDOC 2D_PCB-Outline	description BC 53,6 OT U11 BK VPE240
page 6		of 10				
10				11		

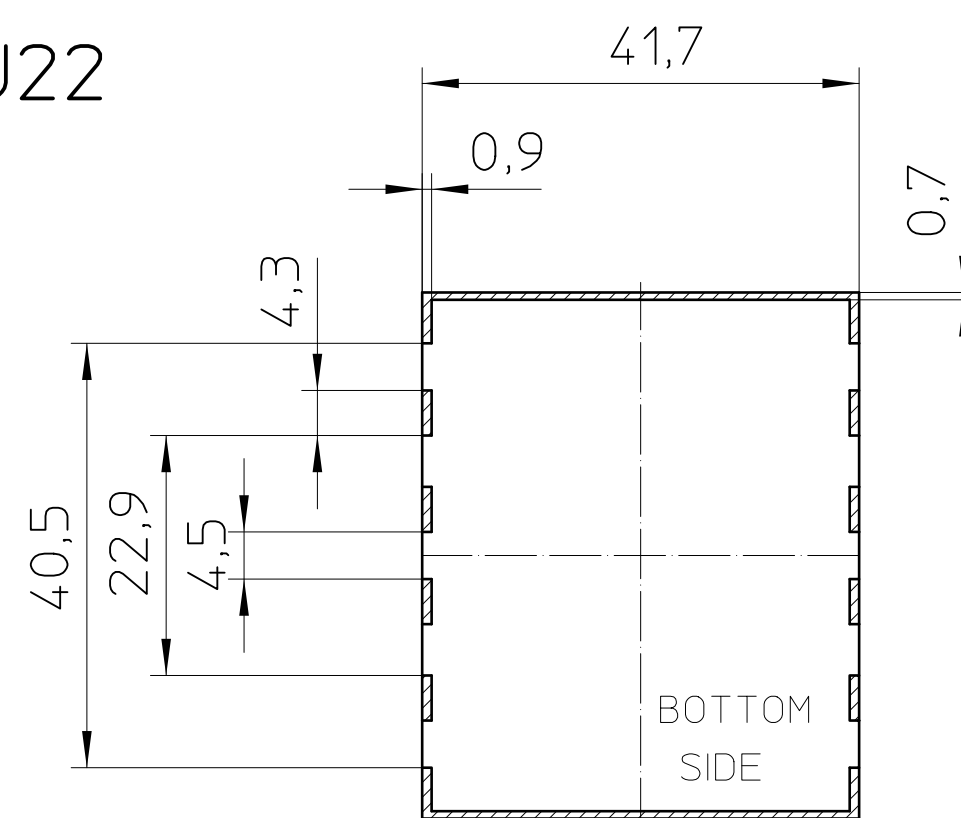
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B

B

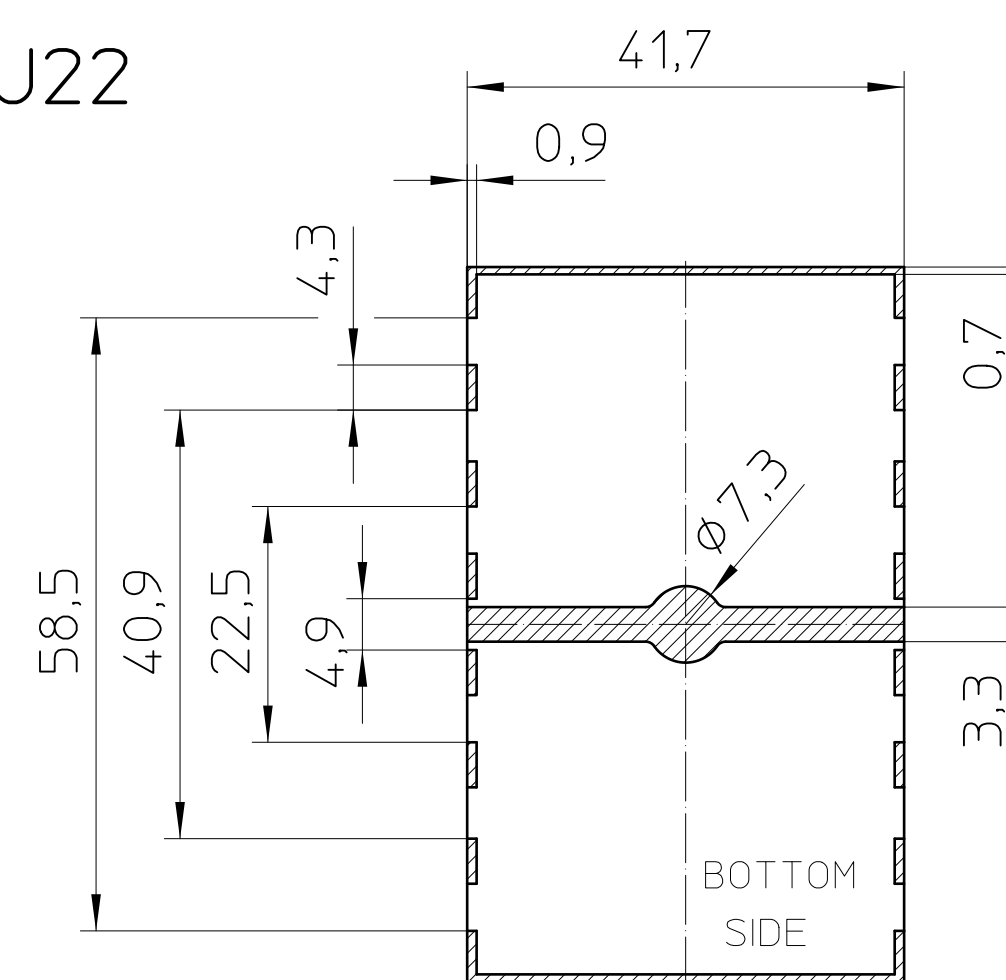


Technical drawing of the top side of a PCB. The drawing shows a rectangular board with dimensions 50,2 (height) and 42,85 (width). A small feature is dimensioned with 1,95 (height) and 0,6 (width). The text "PCB 9" and "BC 53,6" is present. The label "TOP SIDE" is at the bottom right.



Technical drawing of the top side of PCB 9, showing dimensions and component locations. The drawing includes the following dimensions and labels:

- Overall width: 68,2
- Overall height: 60,85
- Distance from top edge to the first horizontal line: 1,95
- Distance from the first horizontal line to the second horizontal line: 7,25
- Distance from the second horizontal line to the third horizontal line: 7,25
- Distance from the third horizontal line to the bottom edge: 7,25
- Distance from the left edge to the first vertical line: 0,6
- Component label: PCB 9
- Component label: BC 710...
- Orientation label: TOP SIDE



104,2

96,85

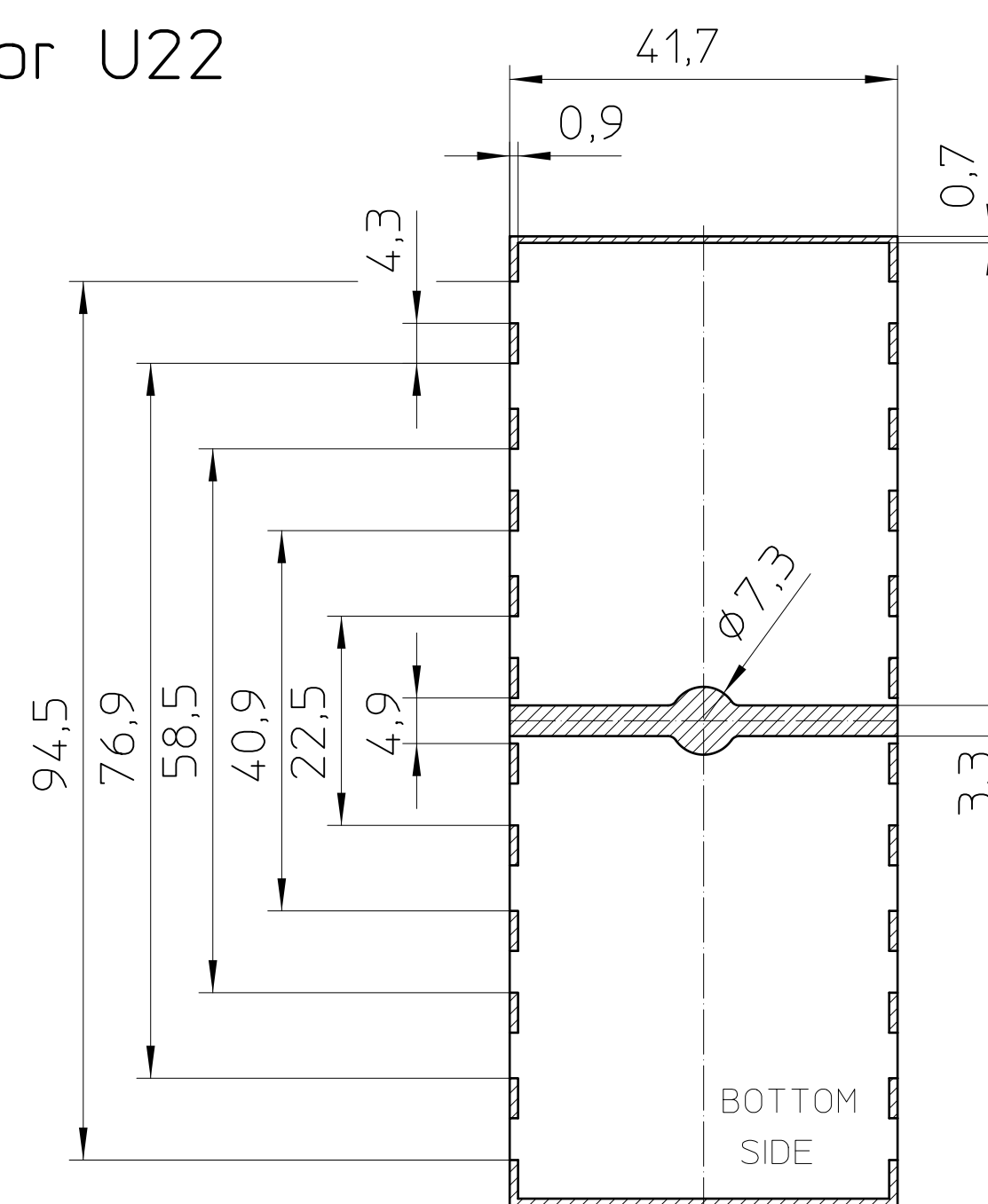
7,25

1,95

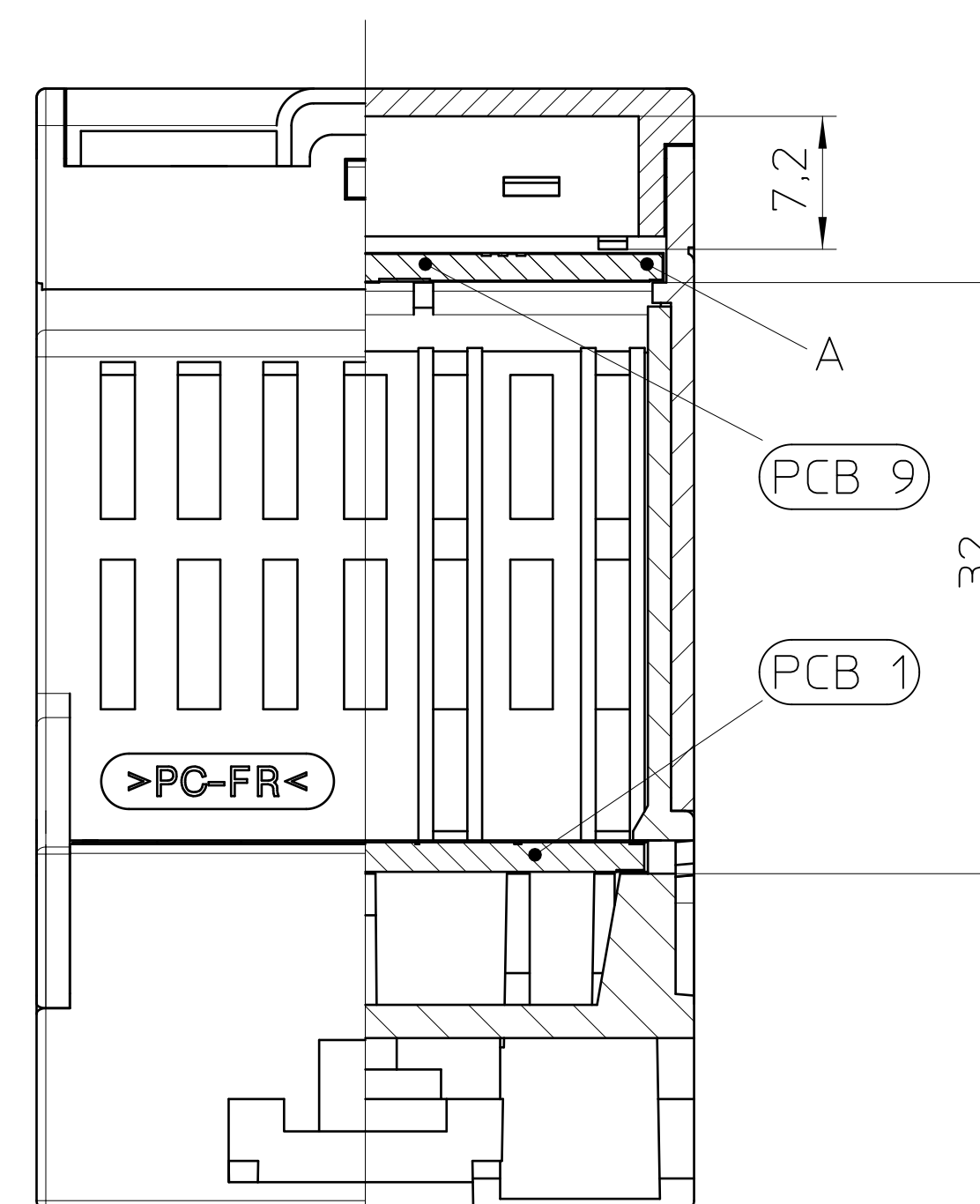
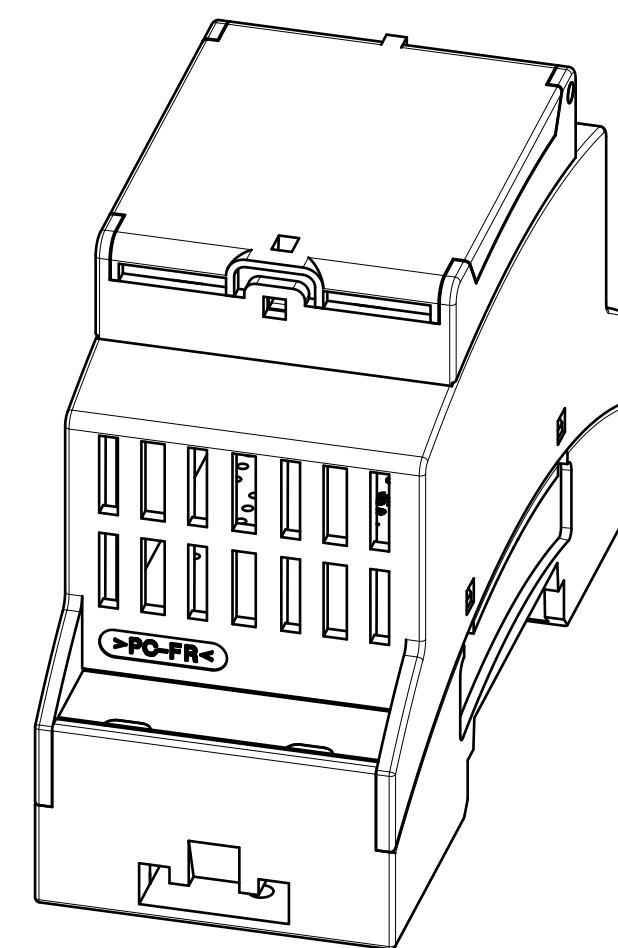
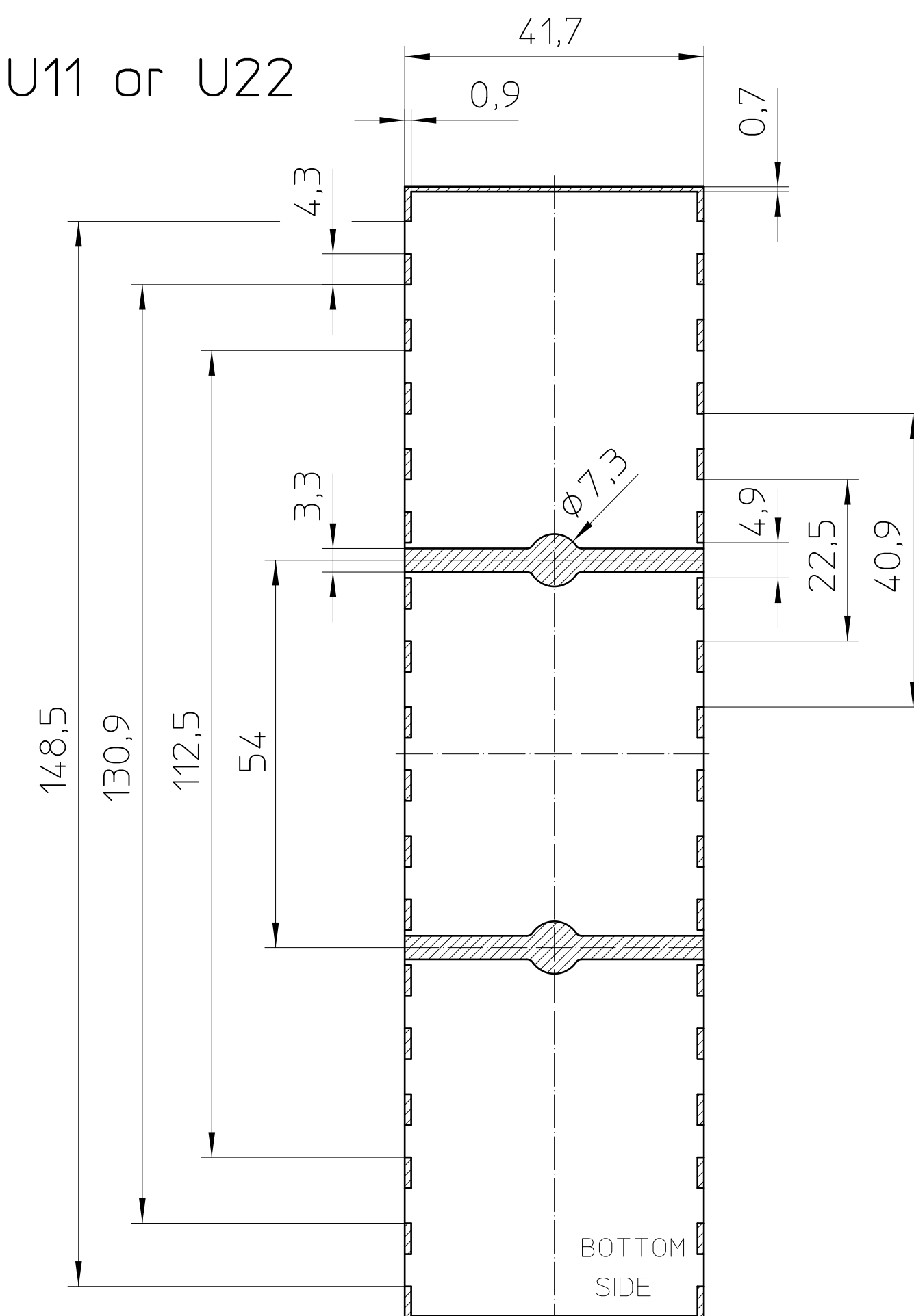
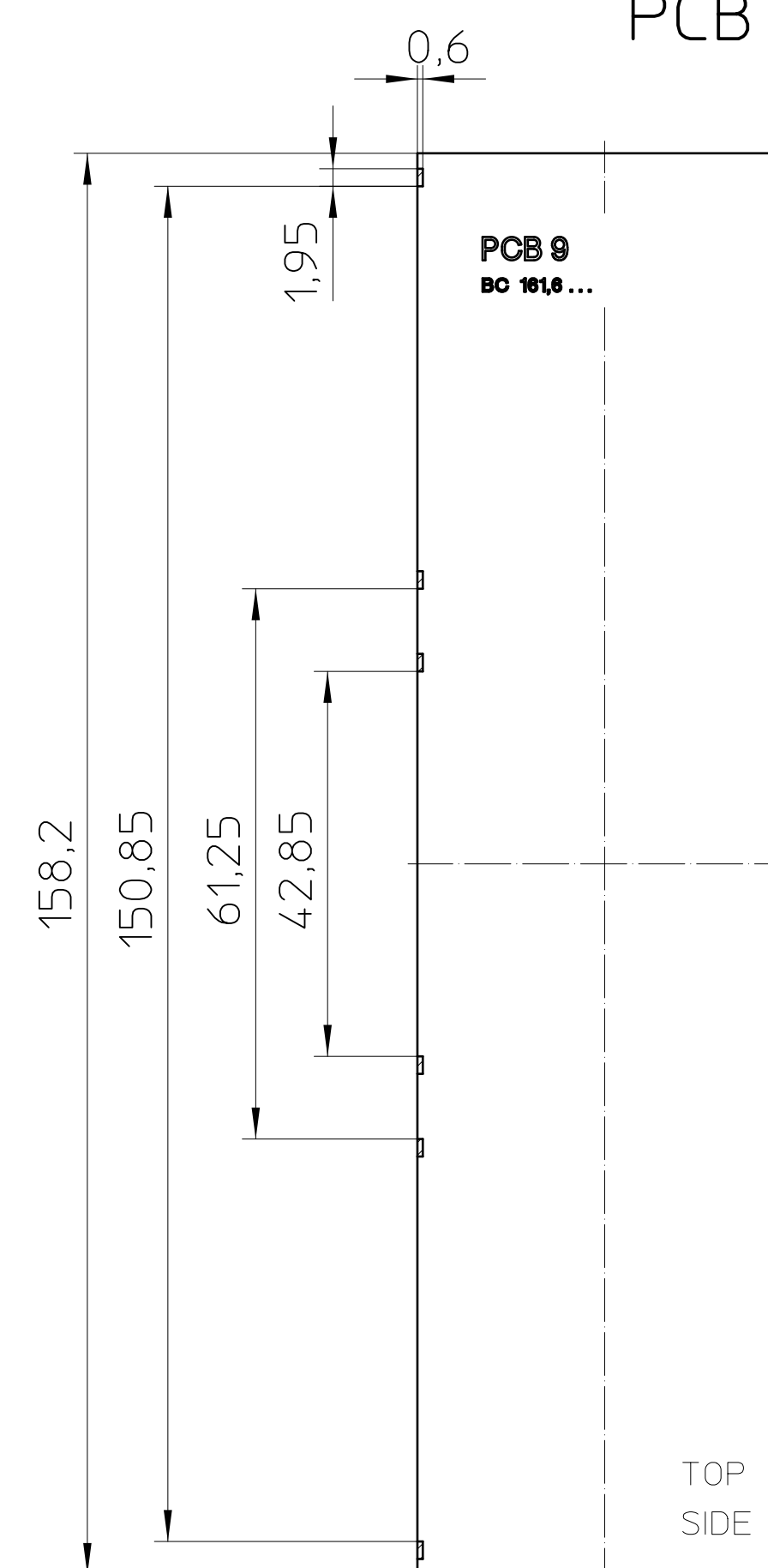
0,6

PCB 9
BO 107,8 ...

TOP
SIDE



1

[illegible]

-

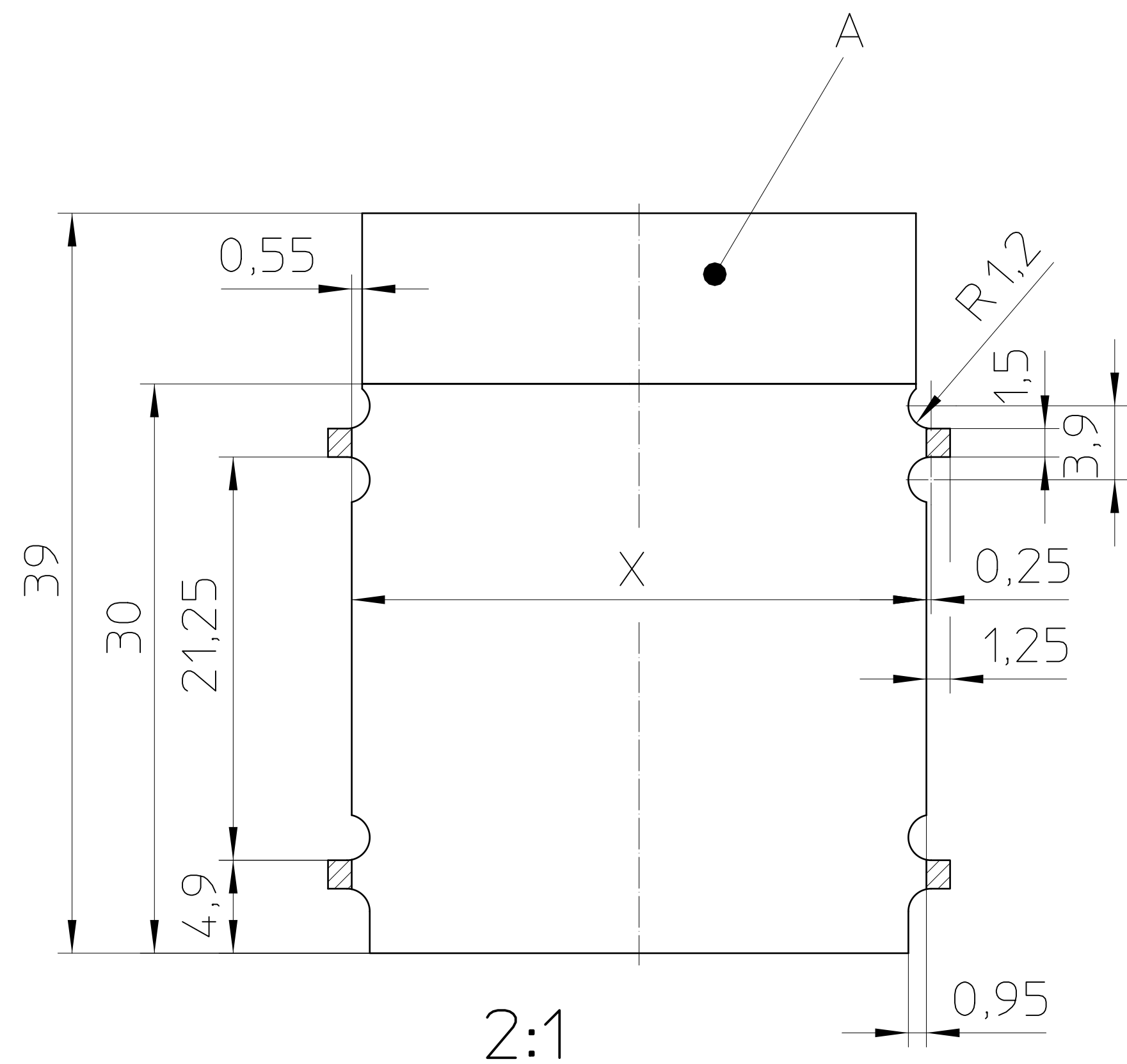
[illegible][illegible]

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Recommended PCB 10 BC... U11/U22

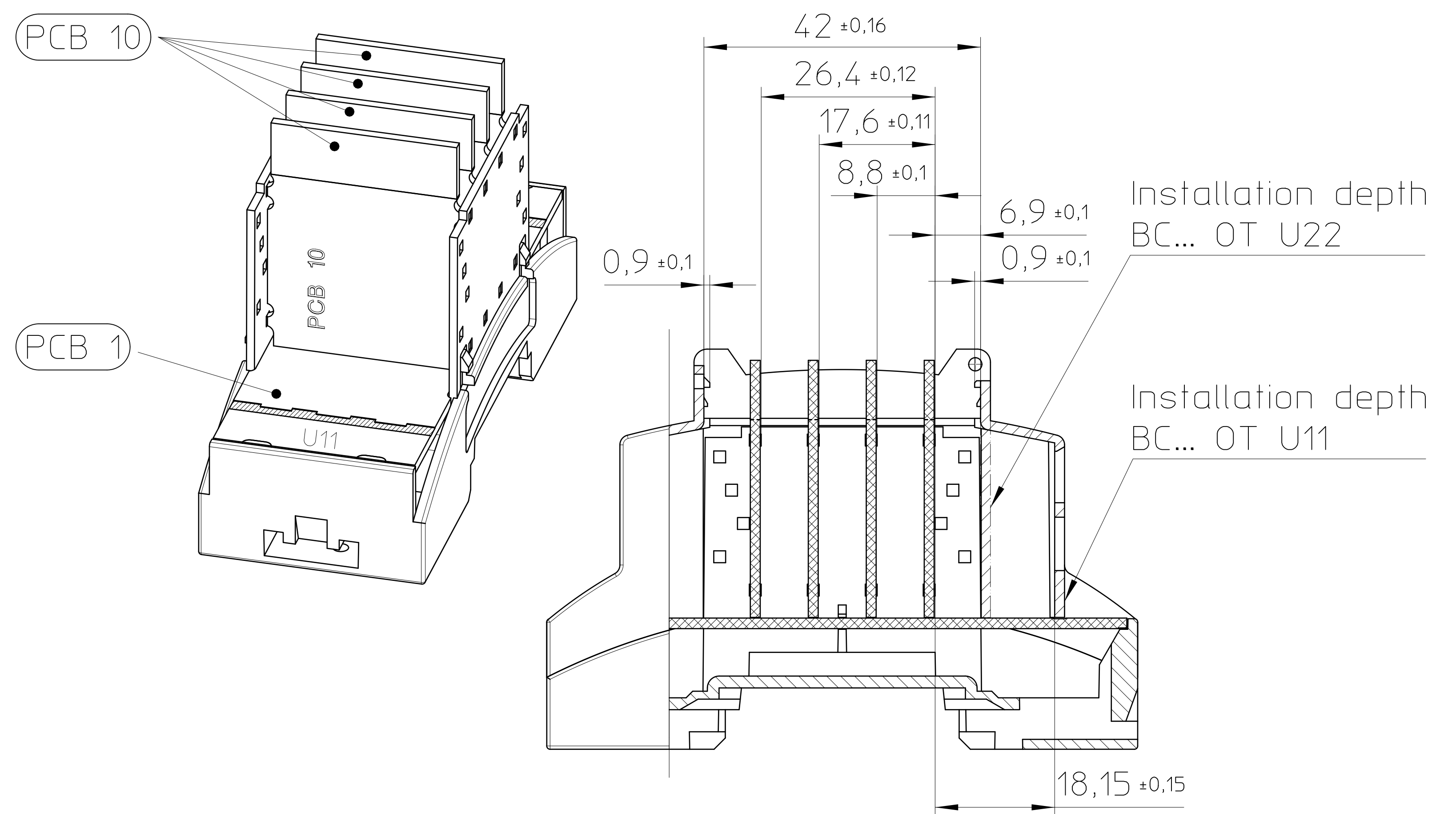


Type	Dimension X
BC 35,6 UT	30,3
BC 53,6 UT	48,3
BC 71,6 UT	66,3
BC 107,6 UT	102,3
BC 161,6 UT	156,3

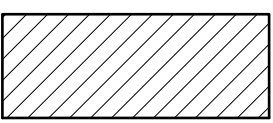
Additional Information:

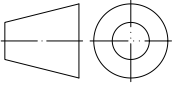
A. Additional PCB area in case of use without cover plate.
In case of collision with the center bar, the center bar can be removed.

Assembly example PCB 10 BC... VERTIKAL

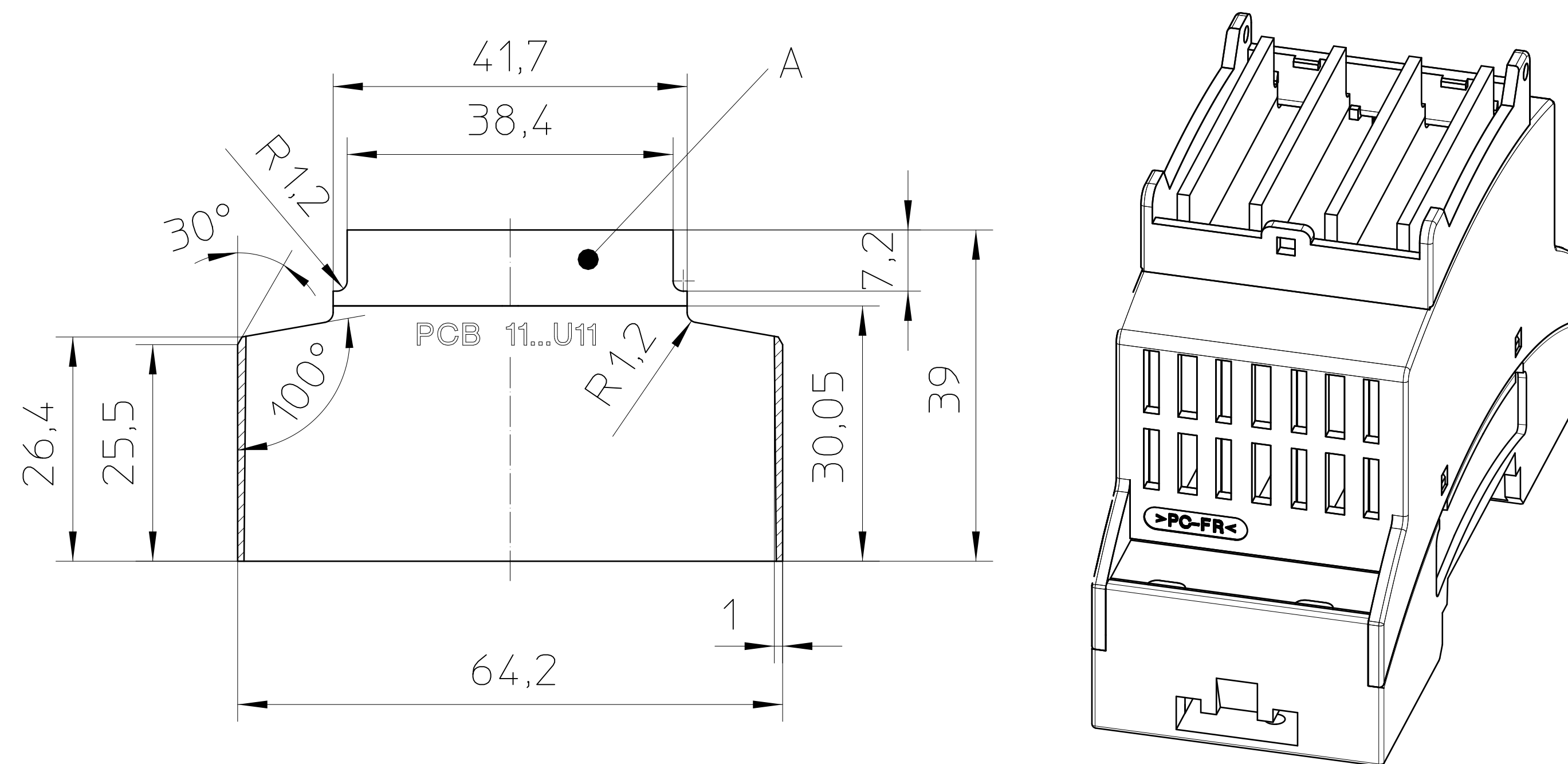


General Information:

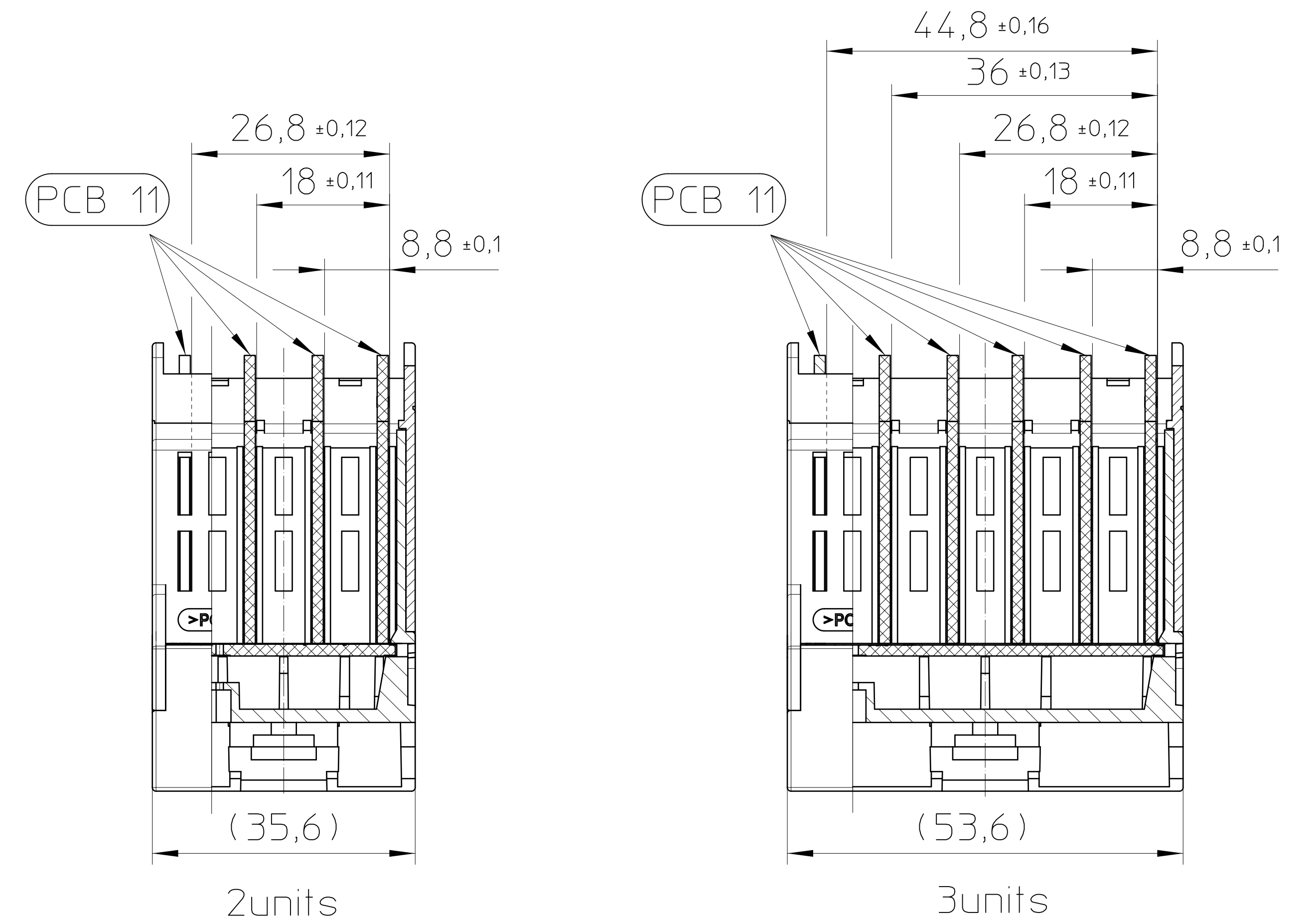
- Recommended PCB
- Simplified representation
- Document excluded from change process
- Further information: www.phoenixcontact.com webcode: #0311
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Tolerances for PCB:
dimensions ≤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. 1006941	document-type TECDOC 2D_PCB-Outline	
page 9 of 10	description BC 53,6 OT U11 BK VPE240		

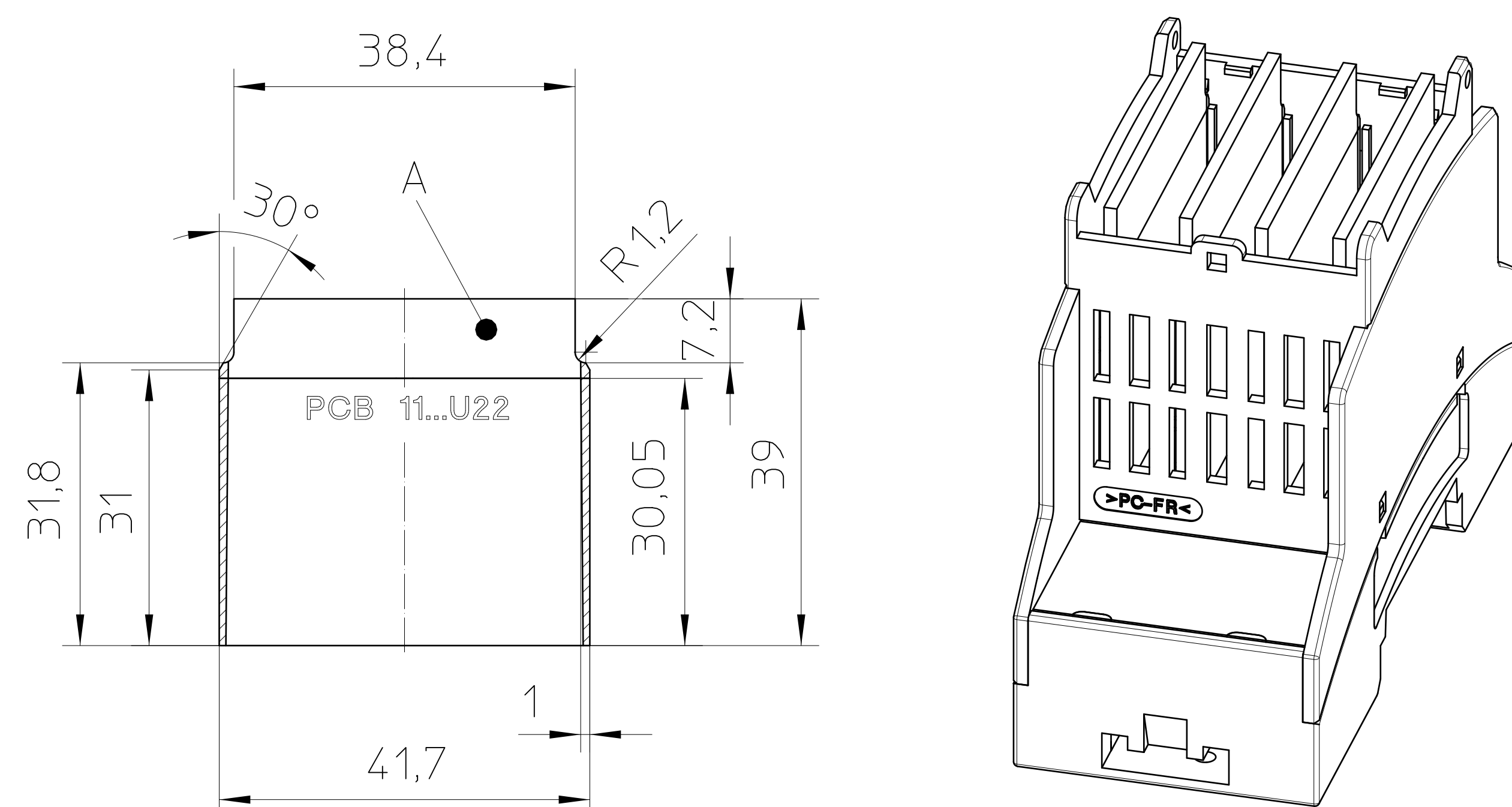
Recommended PCB 11 BC... U11



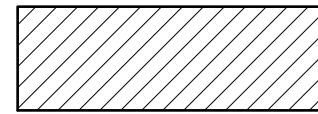
Assembly example for BC.. PCB11



Recommended PCB 11 BC... U22

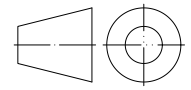


General Information:

- 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.

 DIN A3	document-No. / RI		date	scale
	01365969 / 00		18.03.2021	1:1
	ident.-No.	document-type		
	1006941	TECDOC 2D_PCB-Outline		
page 10 of 10		description		
		BC 53,6 OT U11 BK VPE240		