

A

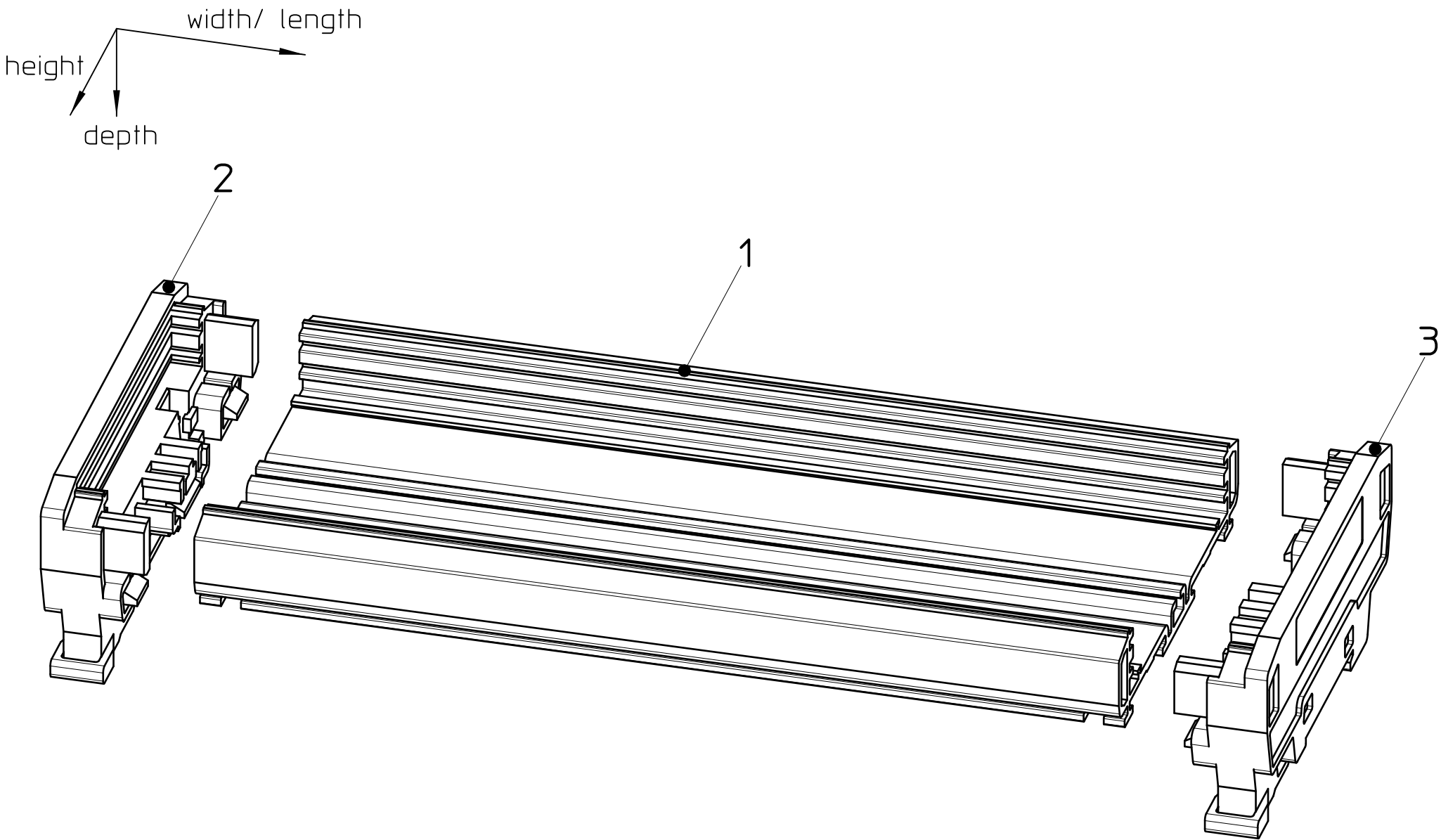
B

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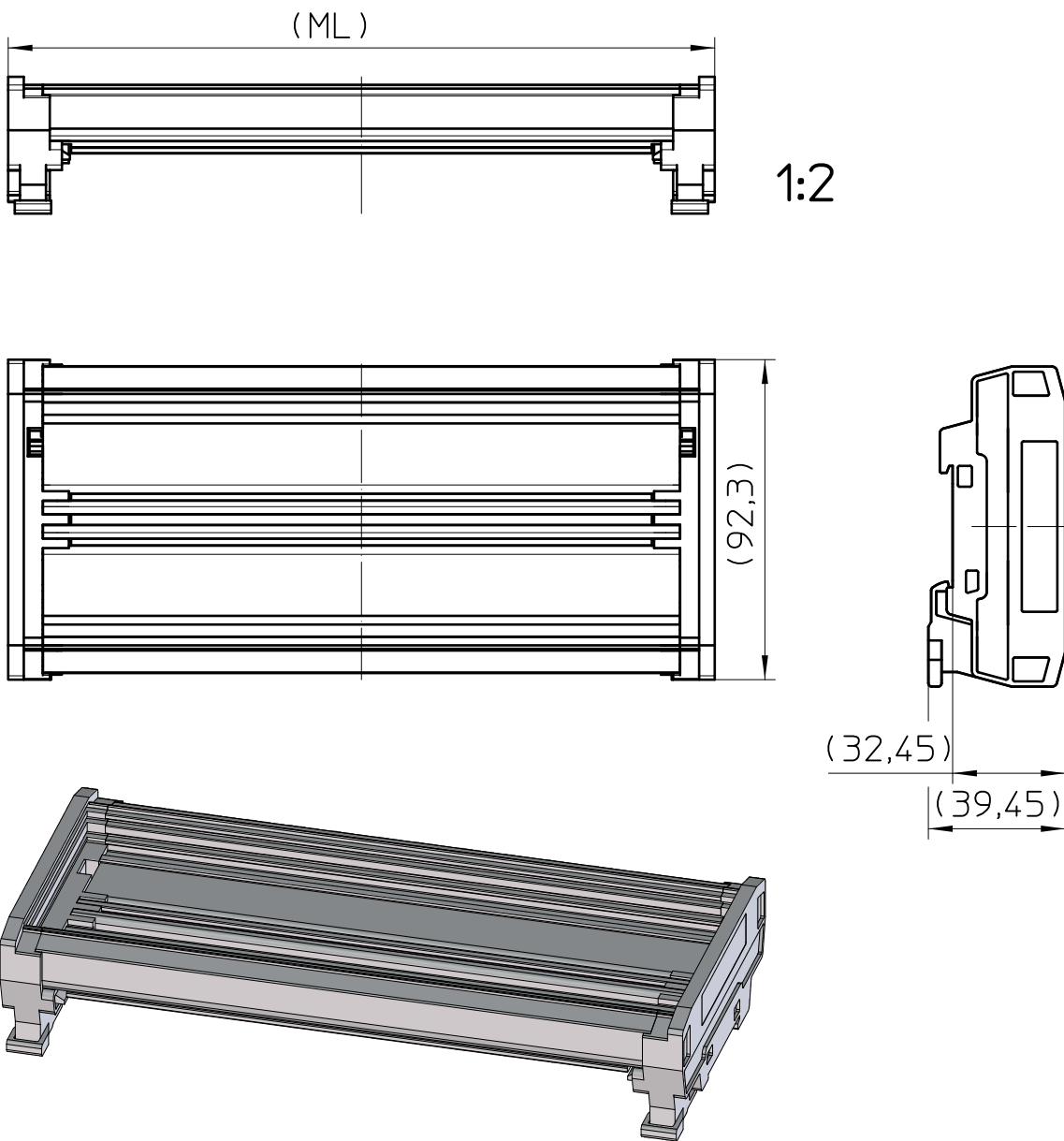
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UM-BASIC-KIT-B72-L....

Assembly example UM-BASIC-KIT-B72-L200



Assembly example (UM-BASIC-KIT-B72-L200)



A

B

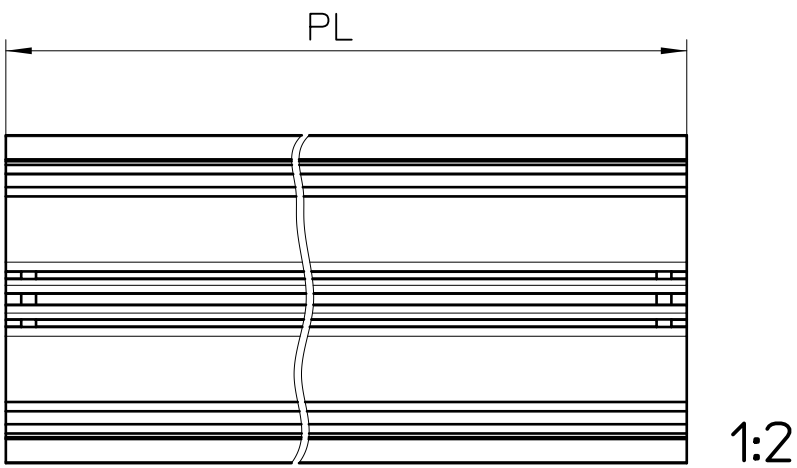
C

D

E

F

Profile



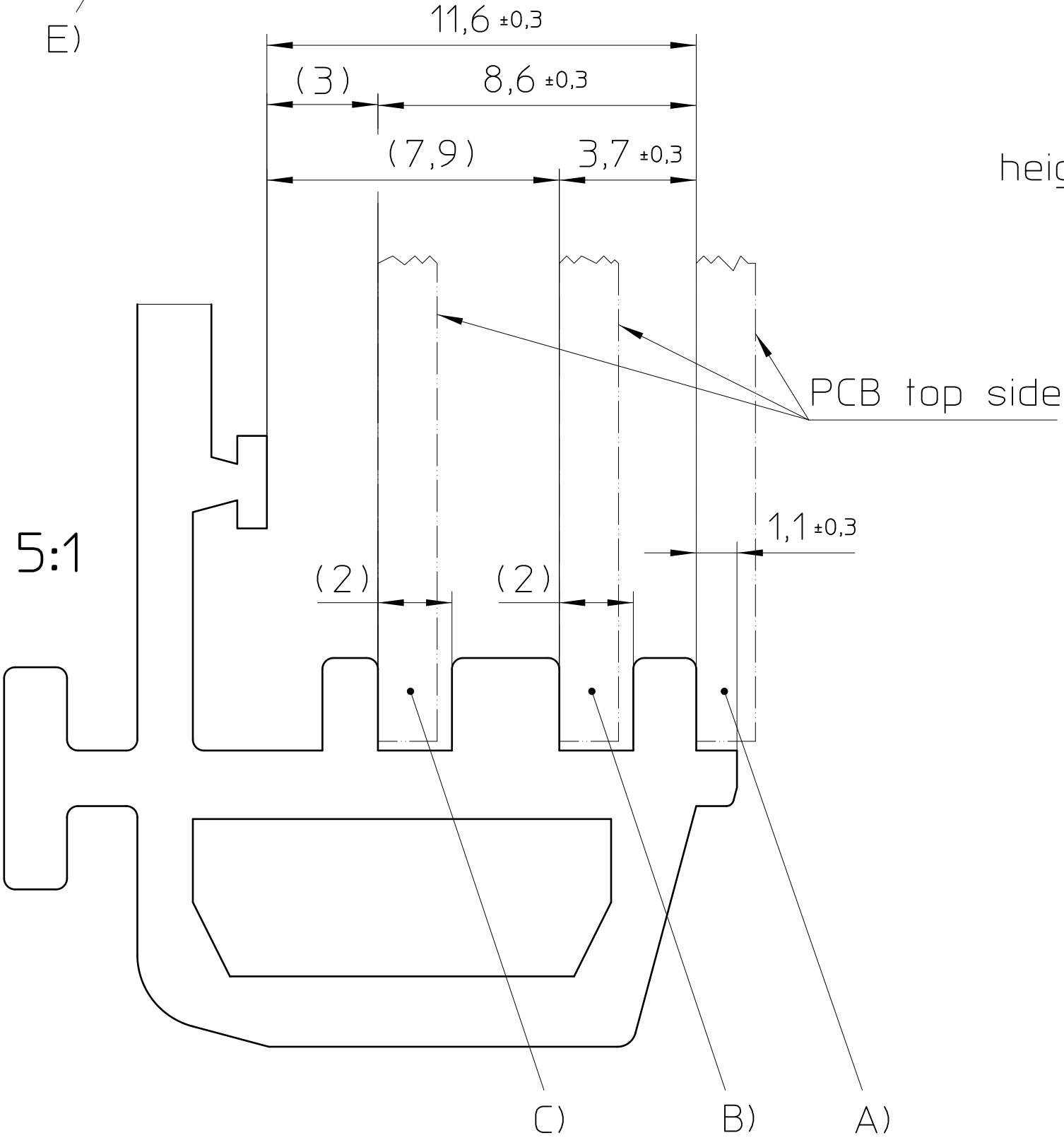
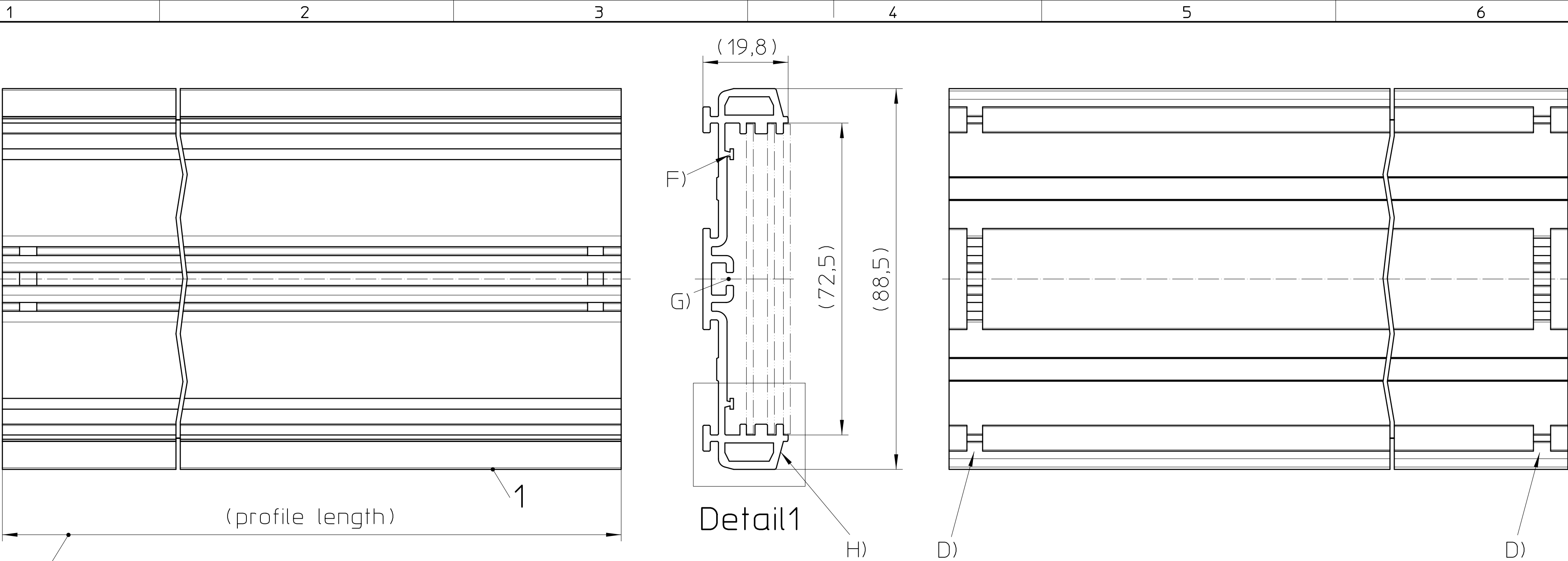
article	prolife length	modul length
	PL	ML
UM-BASIC-KIT-B...-L60	(43,8)	(63,8)
UM-BASIC-KIT-B...-L80	(63,8)	(83,8)
UM-BASIC-KIT-B...-L100	(83,8)	(103,8)
UM-BASIC-KIT-B...-L120	(103,8)	(123,8)
UM-BASIC-KIT-B...-L150	(133,8)	(153,8)
UM-BASIC-KIT-B...-L180	(163,8)	(183,8)
UM-BASIC-KIT-B...-L200	(183,8)	(203,8)
UM-BASIC-KIT-B...-L250	(233,8)	(253,8)

- General Information:
- 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, PA plastic parts with about 2% (% by weight) moisture content.
 - Web: www.phoenixcontact.com webcode: #0314
 - PCB configurator web: www.phoenixcontact.com webcode: #0512

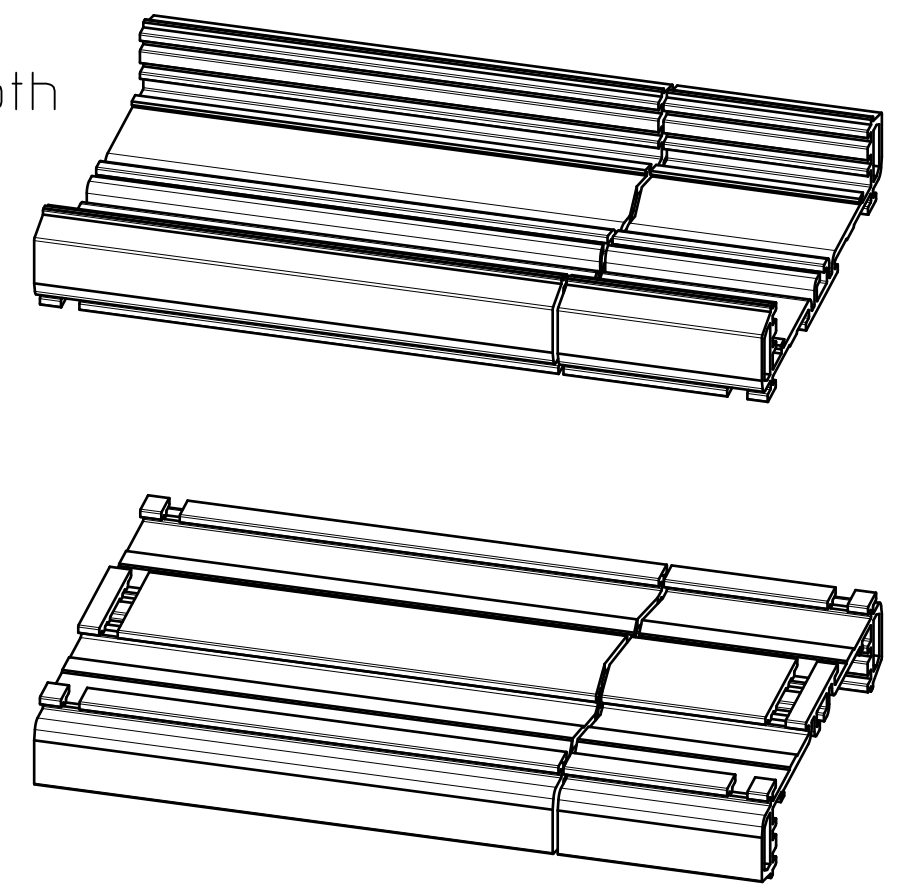
KIT (not mounted)					
Pos.	QTY	Description	Material		
1	1	UM-BASIC PROFIL	PVC		
2	1	SIDE ELEMENT LEFT	PA		
3	1	SIDE ELEMENT RIGHT	PA		
 DIN A2		document-No. / RI 01370101 / 00		date 02.08.2021	scale 1:1
		ident.-No. 1300351	document-type TECDOC 2D_Productdrawing		
		description UM-BASIC-KIT-B72-L250-7035			
		page 1 of 6			

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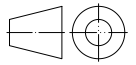


width/length
height
depth



1:2

- General Information
- Simplified representation
 - Document excluded from change process
 - Linear dimensions [mm]
 - Tolerances, apply in a normal climate according to DIN EN ISO 291-23/50-2,
 - Web: www.phoenixcontact.com webcode: #0313
- Additional Information:
- A) PCB L1
 - B) PCB L2
 - C) PCB L3
 - D) Groove to fix the lateral element, UM-PRO COVER L/R
 - E) Length of profile according to customer specification.
 Profil length min. 30mm up to max. 1000mm
 - F) Fixing for optional PCB S-LOCK
 - G) Fixing for optional PCB C-LOCK L ...
 - H) Area for optional marking strip SK 5,0...
- Recommended PCB-outline see further documentation

Pos.	QTY	description		material	
1	1	PROFILE		PVC	
 DIN A3		document-No. / RI 01370101 / 00		date 02.08.2021	scale 1:1
		ident.-No. 1300351	document-type TECDOC 2D_Productdrawing		
		description UM-BASIC-KIT-B72-L250-7035			
		page 2 of 6			

A

A

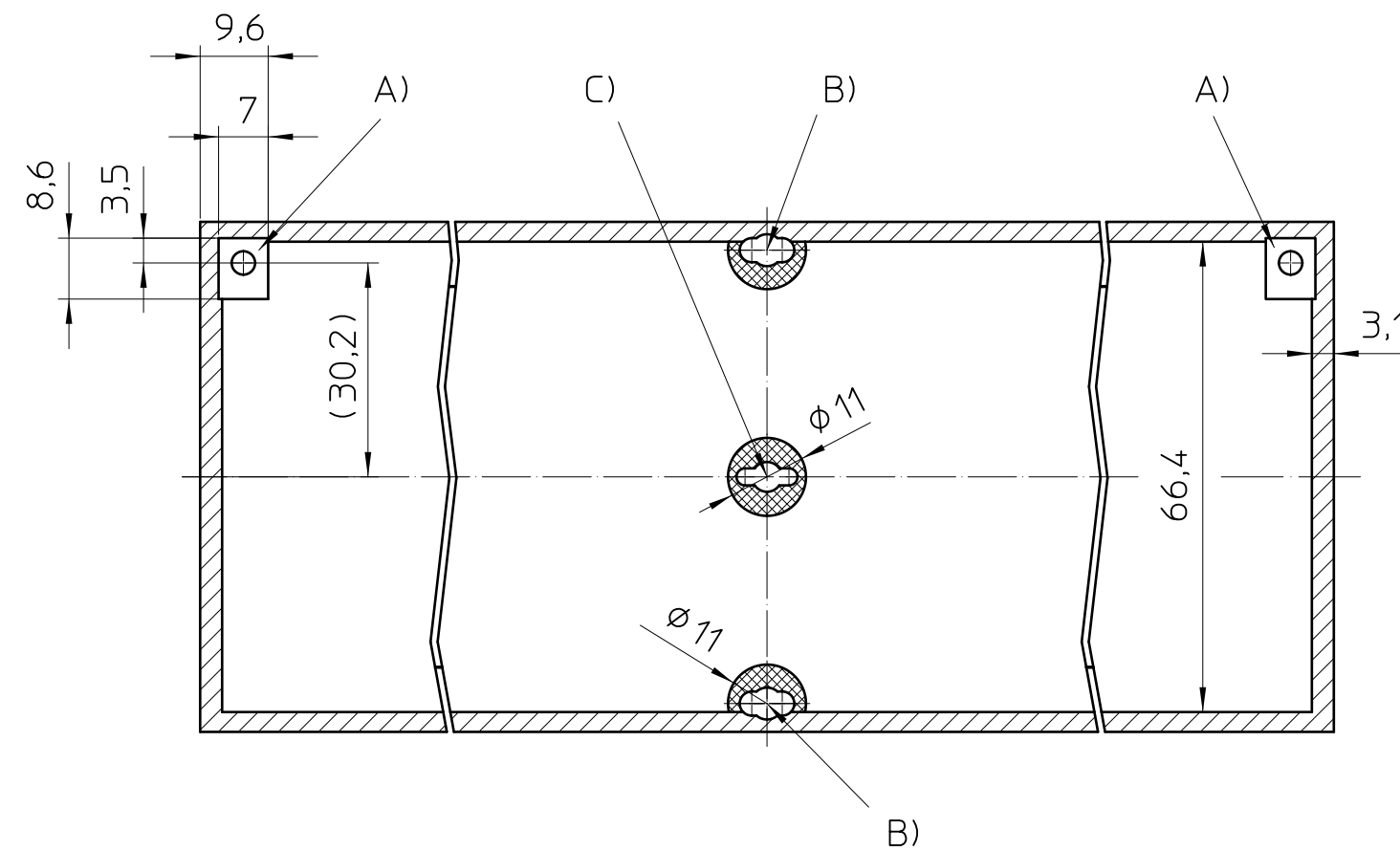
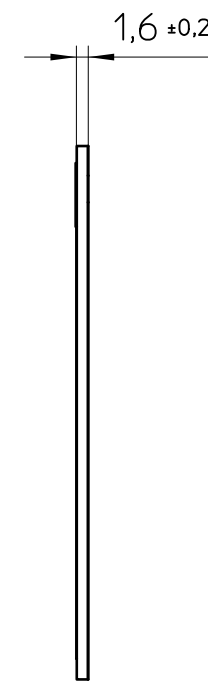
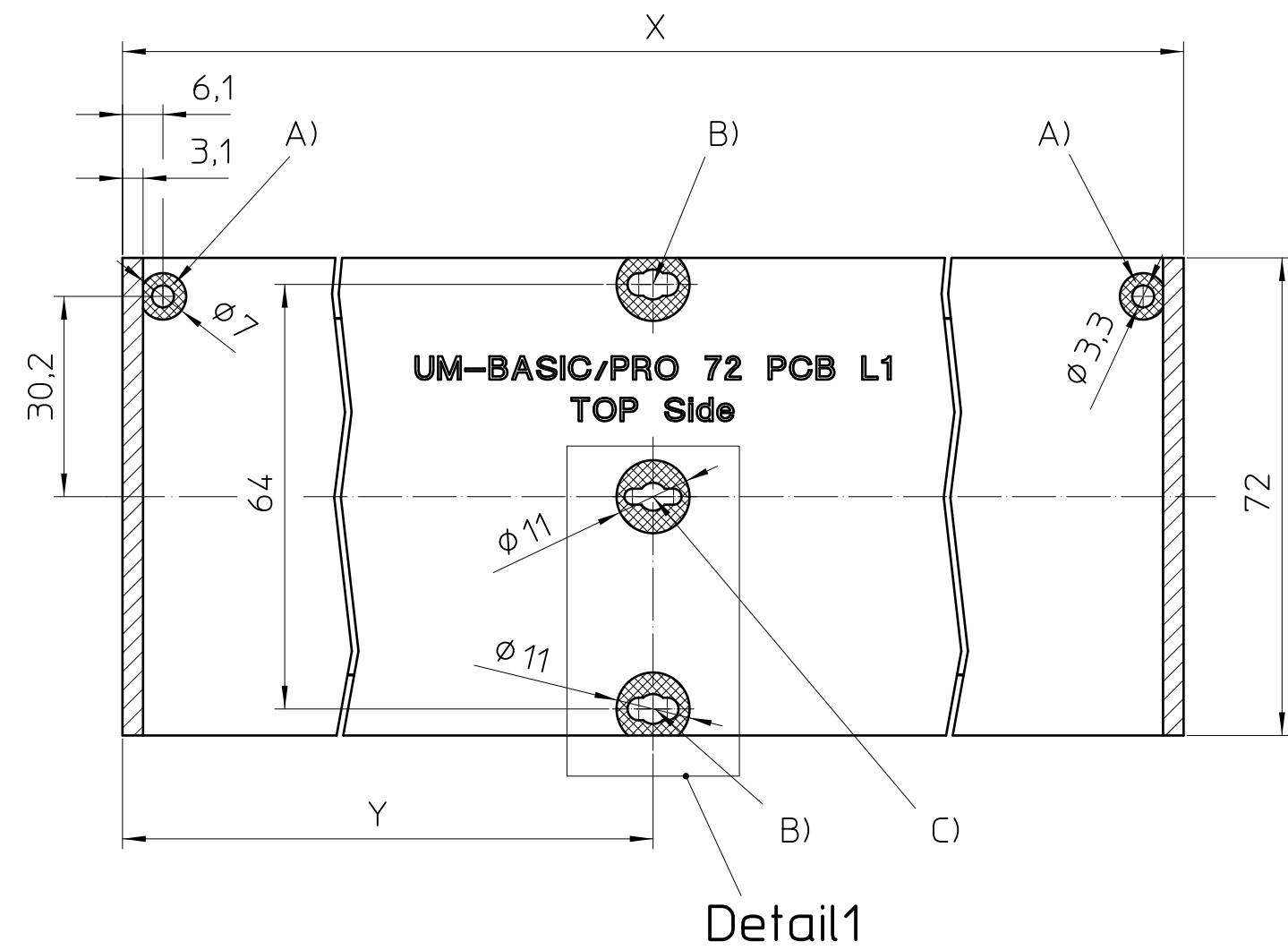
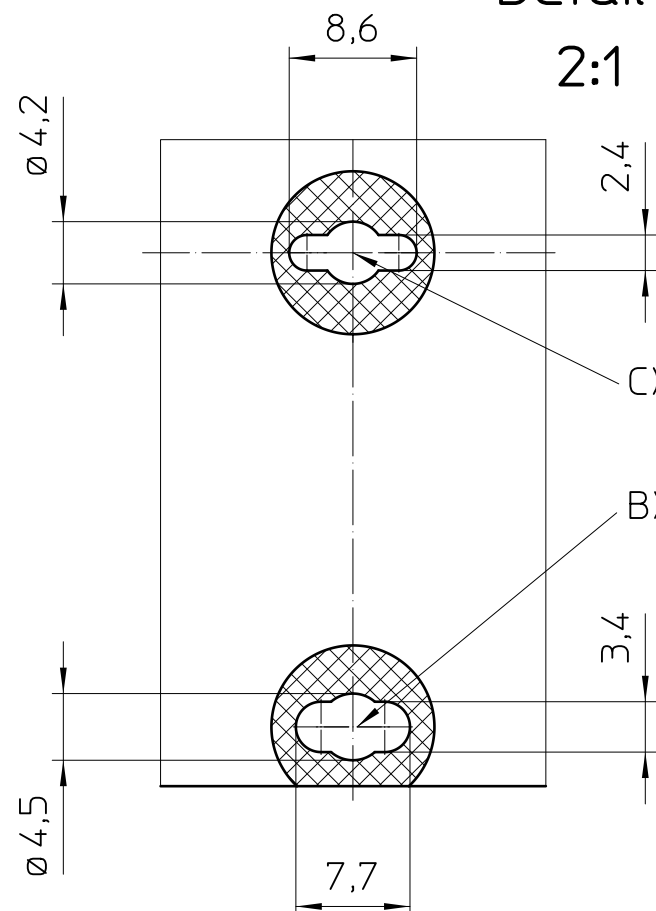
Recommended PCB for: UM-PRO 72 and UM-BASIC 72

B

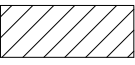
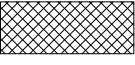
B

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Detail1
2:1

General Information:

- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]
- Web: www.phoenixcontact.com webcode: #0314 / #0313
- General tolerances for PCB: dimensions ≤ 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
-  Restricted area, no components
-  Restricted area, optional

Additional Information:

- A) Optional drilling hole, restricted area and recommended Sn-plated pad for UM-PRO PE CONTACT L1
- B) Optional cutout and restricted area for UM-PRO PCB S-LOCK
- C) Optional cutout and restricted area for UM-PRO PCB C-LOCK L1
- X: PCB length (profile length=X-16,2 ; module length=X+3,8)
- Y: Position of optional cutouts with restricted areas ; Range: Y=8,6...(X-8,6)

D

E

F

 DIN A2	document-No. / RI 01370101 / 00	date 02.08.2021	scale 1:1
	ident.-No. 1300351	document-type TECDOC 2D_Productdrawing	
page 3 of 6	description UM-BASIC-KIT-B72-L250-7035		

1

2

3

4

5

6

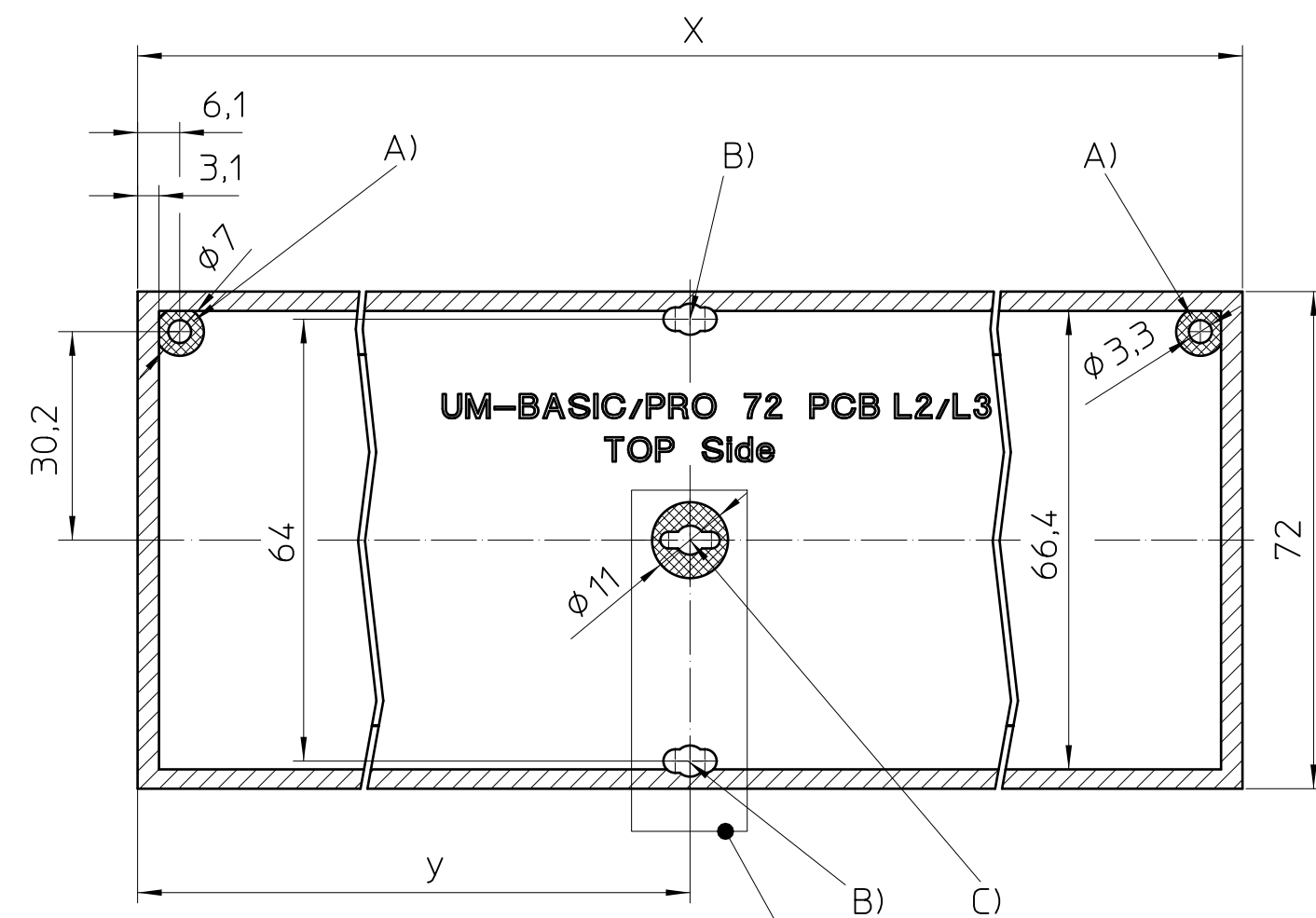
7

8

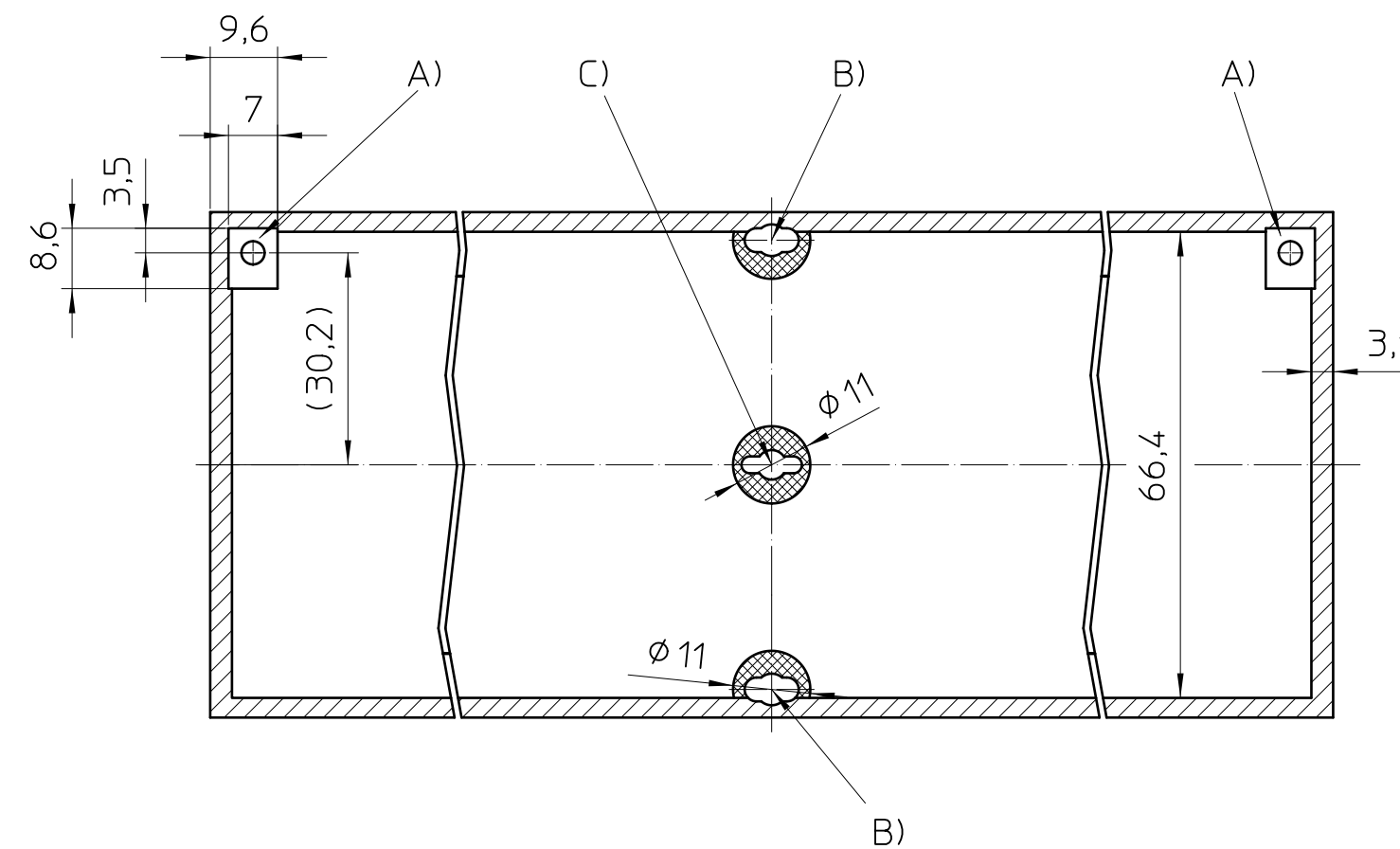
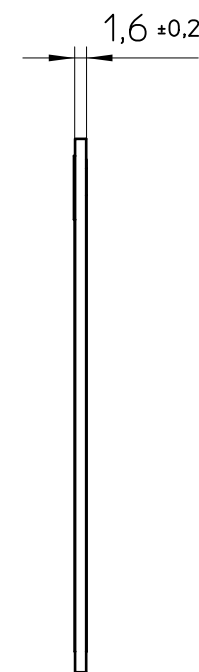
A

A

Recommended PCB for: UM-PRO 72 and UM-BASIC 72

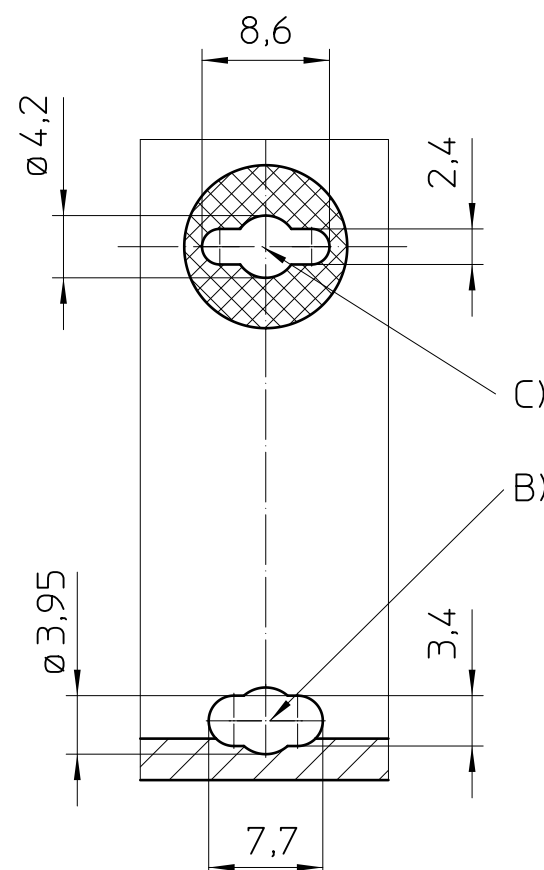


Detail1

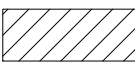
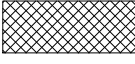


Detail1

2:1



General Information:

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- Web: www.phoenixcontact.com webcode: #0313 / #0314
- General tolerances for PCB: dimensions ≤ 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
-  Restricted area, no components
-  Restricted area, optional

Additional Information:

- A) optional drilling hole, restricted area and recommended Sn-plated pad for UM-PRO PE CONTACT L2/L3
- B) optional cutout and restricted area for UM-PRO PCB S-LOCK
- C) optional cutout and restricted area for UM-PRO PCB C-LOCK L2/L3
- X: PCB length (profile length= $x-16,2$; module length= $x+3,8$)
- Y: Position of optional cutouts with restricted areas ; Range: $y=8,6...(x-8,6)$

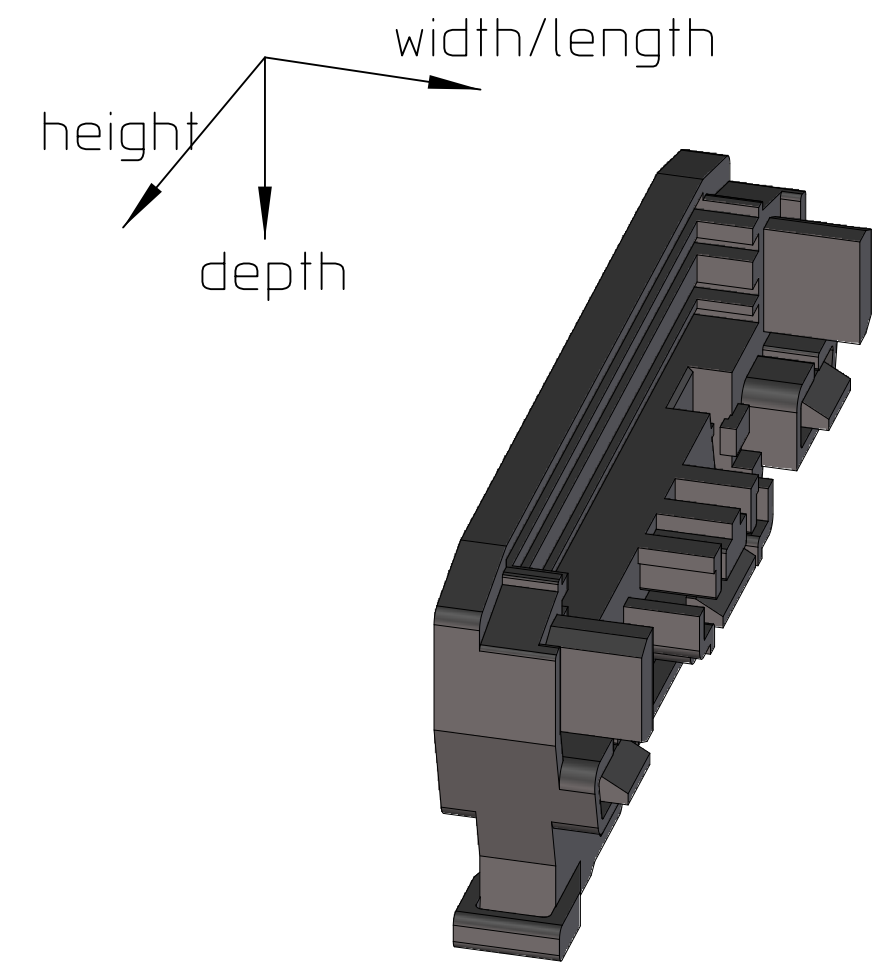
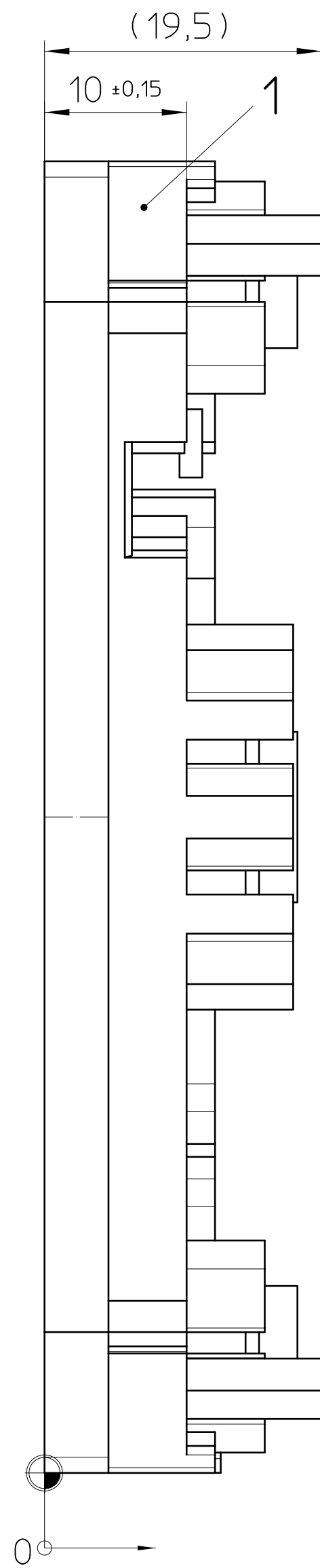
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page 4 of 6	description UM-BASIC-KIT-B72-L250-7035		

F

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General Information:

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- Document excluded from change process
- Linear dimensions [mm]
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-  Workpiece zero point for mechanical processing
- Tolerances for mechanical processing are ISO 2768-mK
- Machining radii min. R1, further on request
- Web: www.phoenixcontact.com webcode: #0313 / #0314

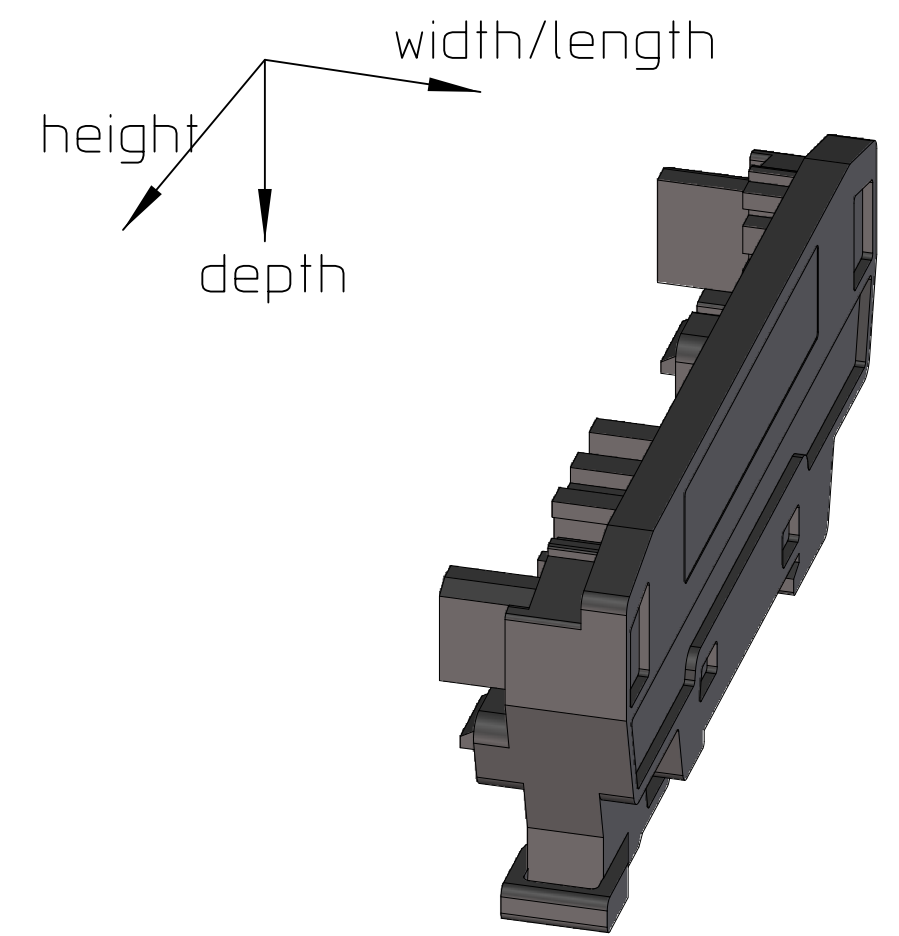
Additional Information:

- A) PCB L1
- B) PCB L2
- C) PCB L3
- D) Mounting rail according to DIN EN 60715: TH 35-7,5 or
Mounting rail similar to DIN EN 60715: TH 35-15x1,5
- E) Fix point for UM-PRO PE CONTACT
- F) Fix point for UM-PRO 72 PROFILE
- G) Fix point for UM-PRO MOUNT
- H) Marking area

- Recommended PCB-outline see further documentation

Pos.	QTY	description		material	
1	1	LATERAL ELEMENT LEFT		PA	
  DIN A3		document-No. / RI 01370101 / 00		date 02.08.2021	scale 2:1
		ident.-No. 1300351		document-type TECDOC 2D_Productdrawing	
		description UM-BASIC-KIT-B72-L250-7035			
page 5		of 6			

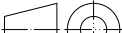
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-  Workpiece zero point for mechanical processing
- Tolerances for mechanical processing are ISO 2768-mK
- Machining radii min. R1, further on request
- Web: www.phoenixcontact.com webcode: #0313 / #0314

- A) PCB L1
- B) PCB L2
- C) PCB L3
- D) Mounting rail according to DIN EN 60715: TH 35-7,5 or
Mounting rail similar to DIN EN 60715: TH 35-15x1,5
- E) Fix point for UM-PRO PE CONTACT
- F) Fix point for UM-PRO 72 PROFILE
- G) Fix point for UM-PRO MOUNT
- H) Marking area

- Recommended PCB-outline see further documentation

Pos.	QTY	Description	Material
1	1	LATERAL ELEMENT RIGHT	PA
 DIN A3		document-No. / RI 01370101 / 00	date 02.08.2021 scale 2:1
		ident.-No. 1300351	document-type TECDOC 2D_Productdrawing
page 6 of 6		description UM-BASIC-KIT-B72-L250-7035	