

A

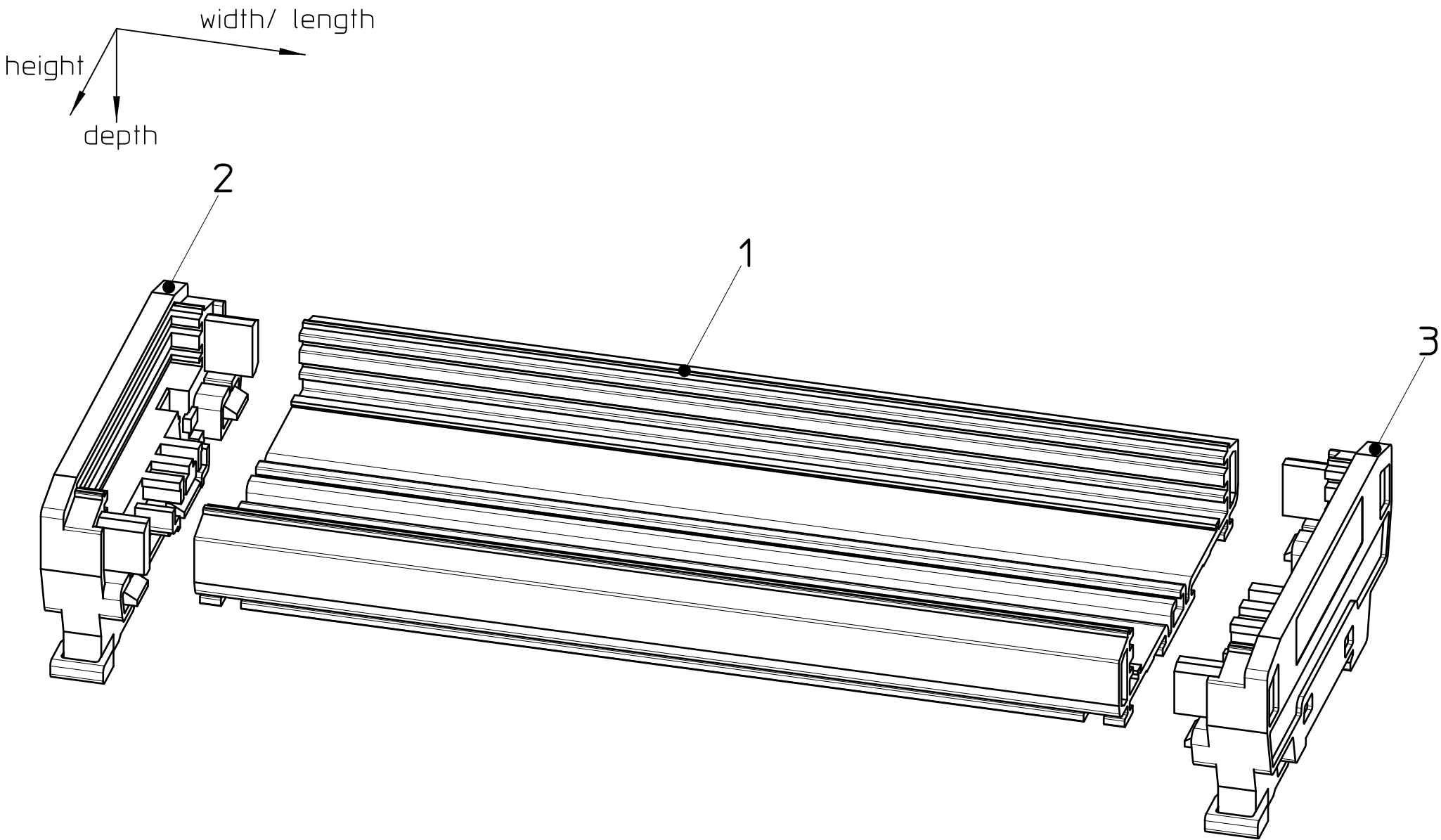
B

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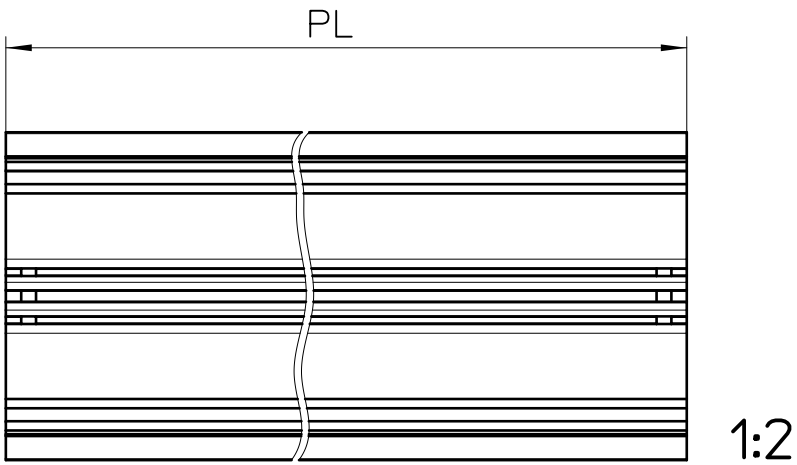
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UM-PRO-KIT-B72-L....

Assembly example UM-PRO-KIT-B72-L200

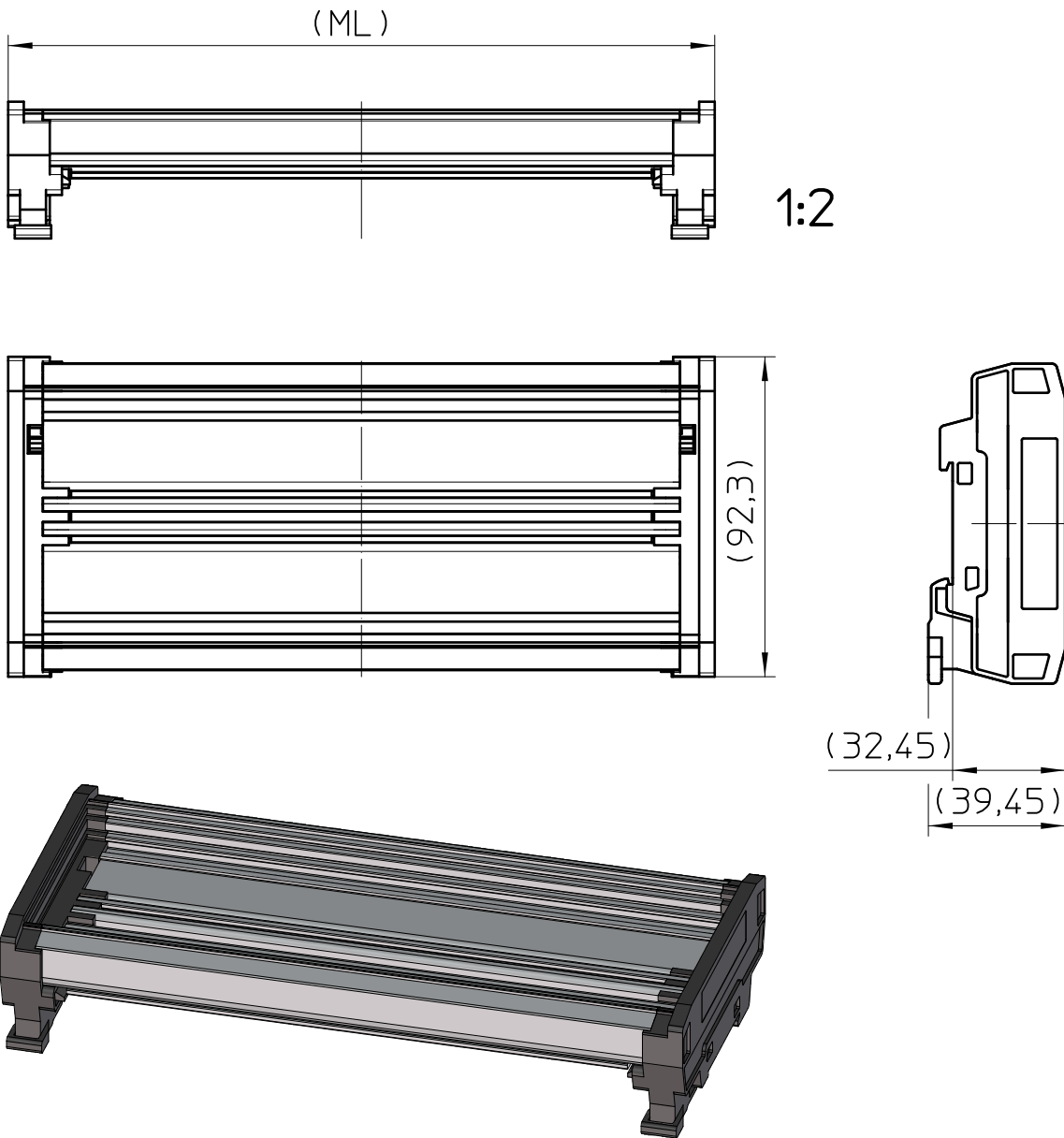


Profile



1:2

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



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

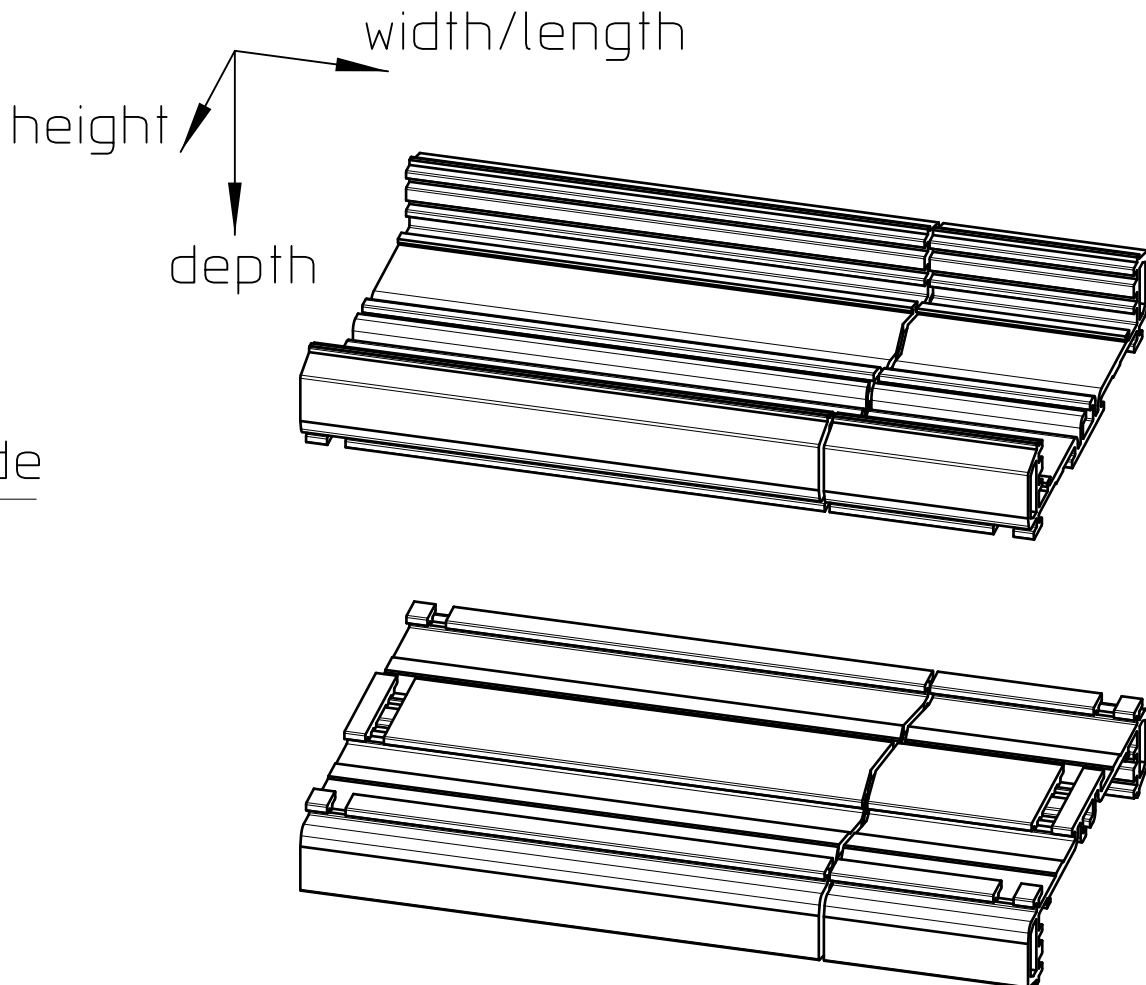
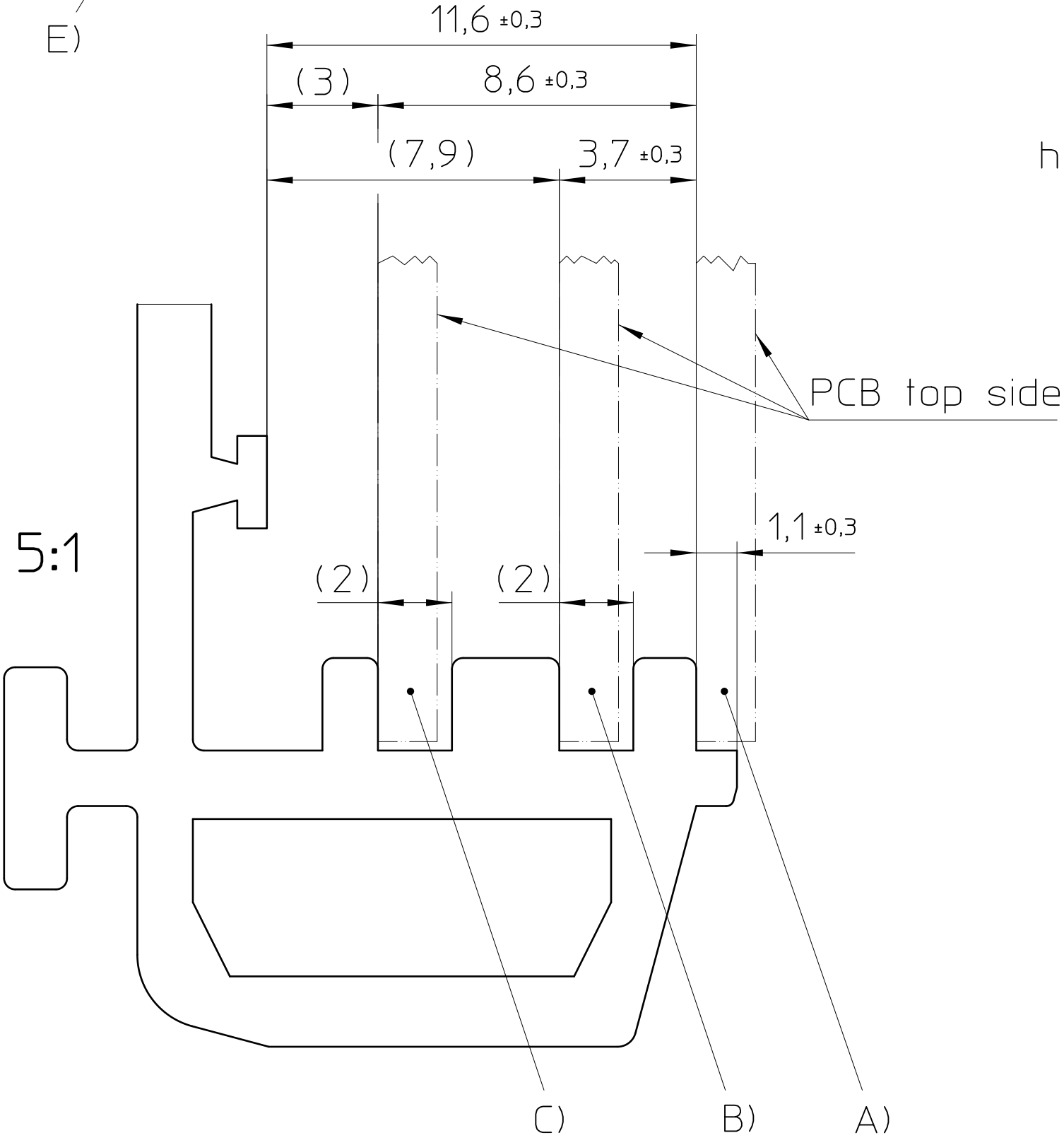
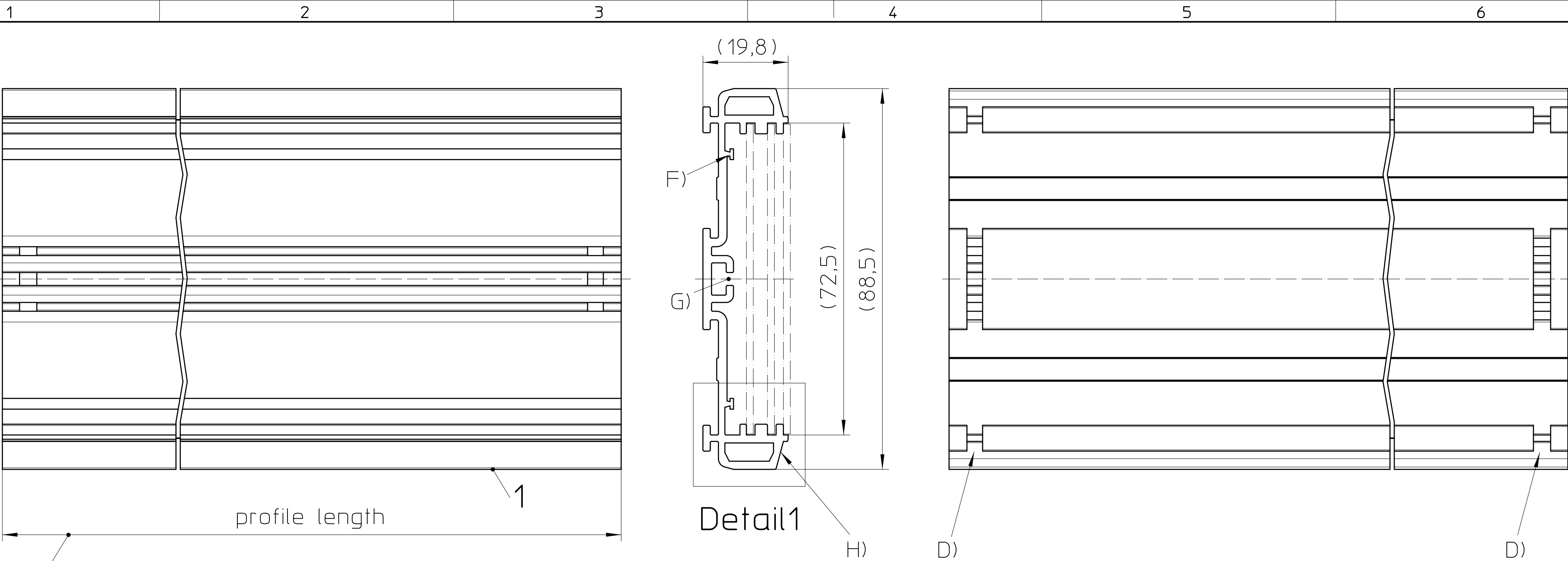
- General Information:
- Simplified representation.
 - Document excluded from change process
 - Units are in millimeters [mm] and degrees [°]
 - Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2, PA plastic parts with about 2% (% by weight) moisture content.
 - Web: www.phoenixcontact.com webcode: #0314
 - PCB configurator web: www.phoenixcontact.com webcode: #0512

KIT (not mounted)					
Pos.	QTY	Description	Material		
1	1	UM-PRO PROFIL	PA		
2	1	SIDE ELEMENT LEFT	PA		
3	1	SIDE ELEMENT RIGHT	PA		
 DIN A2		document-No. / RI 01370095 / 01	date 02.08.2021	scale 1:1	
		ident.-No. 1310928	document-type TECDOC 2D_Productdrawing		
		description UM-PRO-KIT-B72-L100-7035			
		page 1 of 6			

F

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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, PA plastic parts with about 2% (% by weight) moisture content.
- 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 PCB S-LOCK
- G) Fixing for PCB C-LOCK L ...
- H) Area for marking strip SK 5,0...

- Recommended PCB-outline see further documentation

Pos.	QTY	description		material	
1	1	PROFILE		PA	
		document-No. / RI		date	scale
		01370095 / 01		02.08.2021	1:1
		ident.-No.	document-type		
		1310928	TECDOC 2D_Productdrawing		
page 2		of 6	description		
			UM-PRO-KIT-B72-L100-7035		

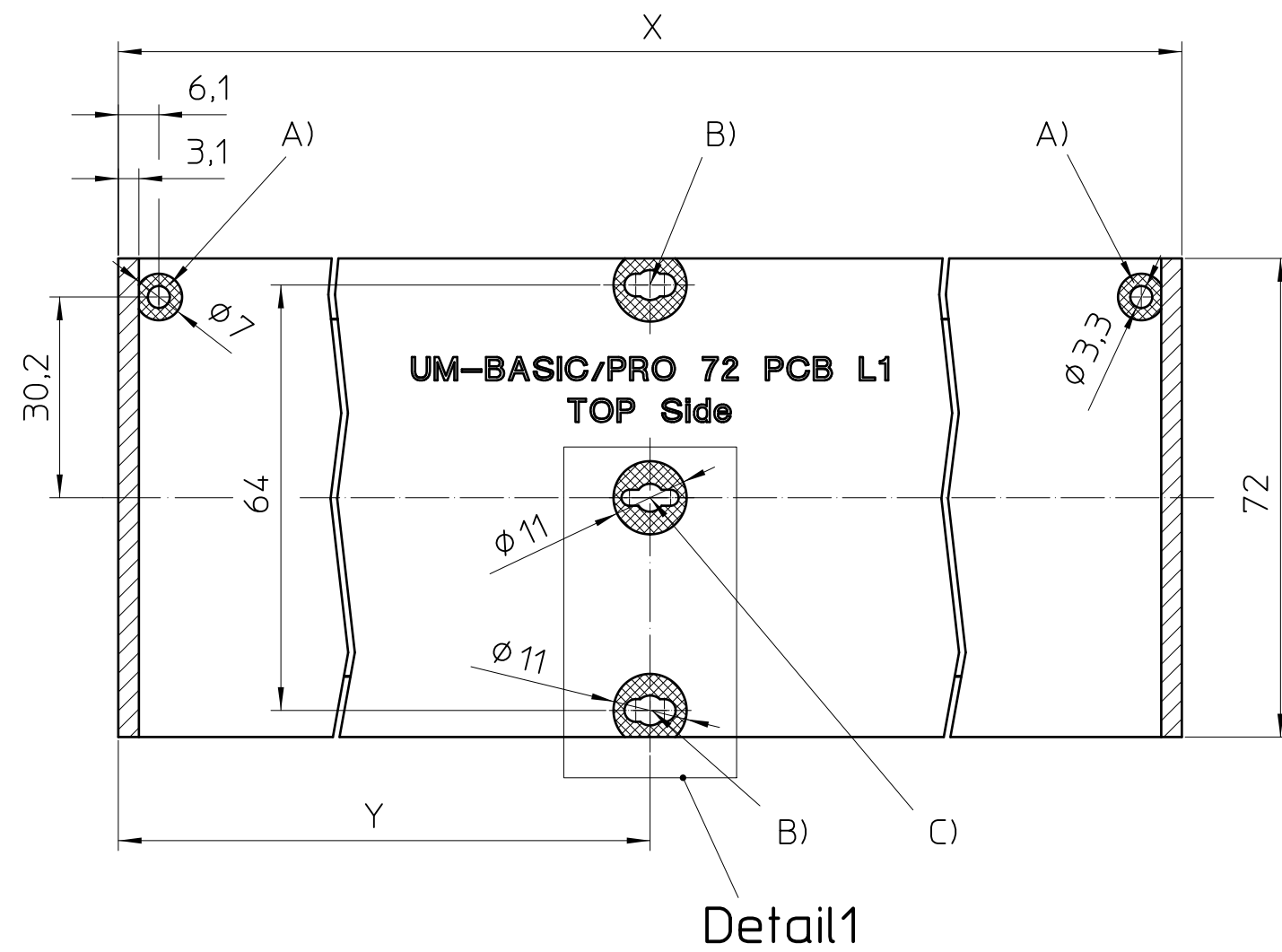
A

A

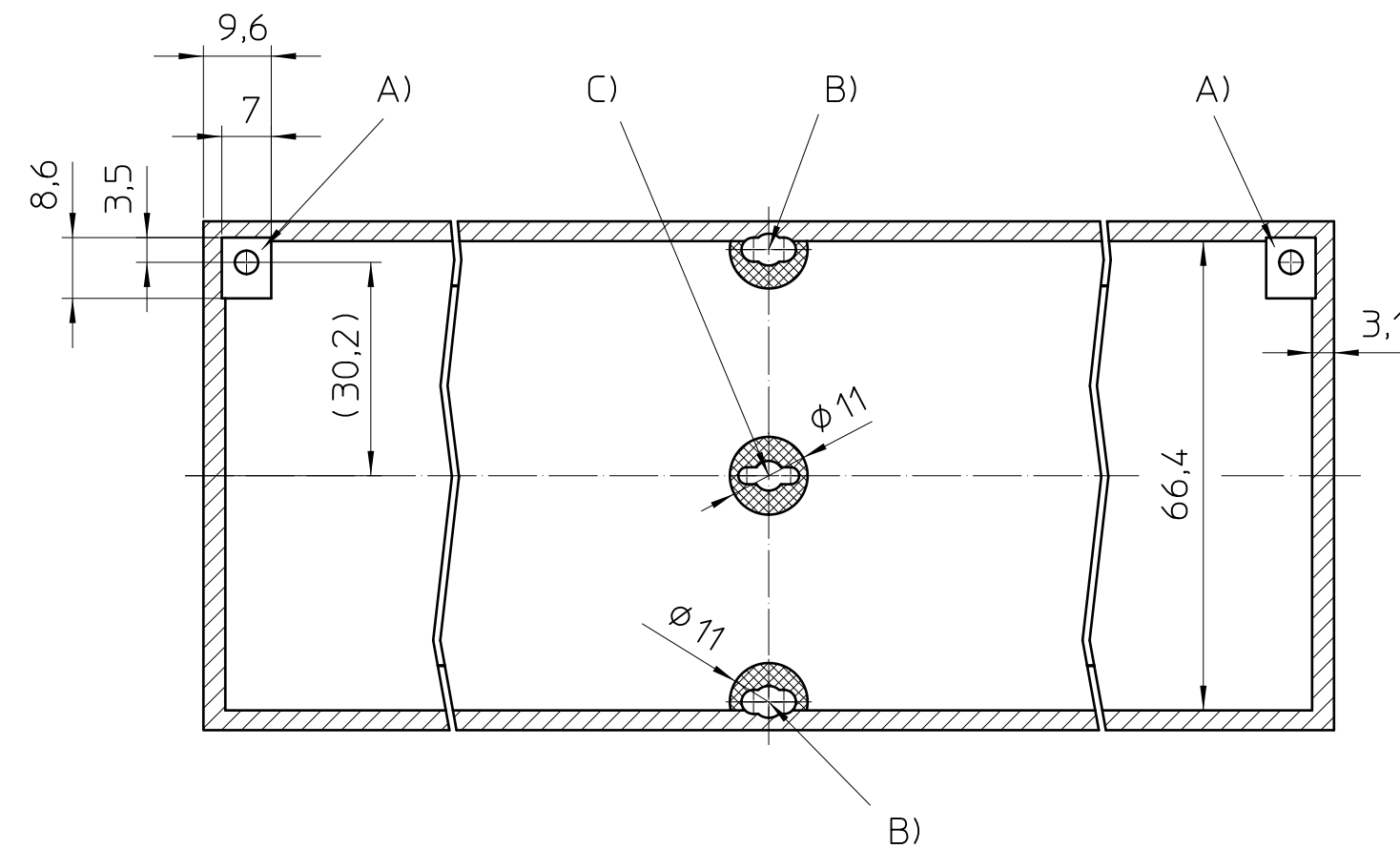
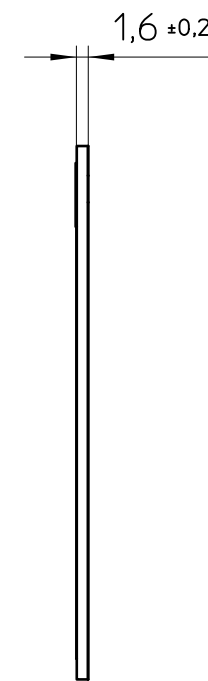
Recommended PCB for: UM-PRO 72 and UM-BASIC 72

B

B

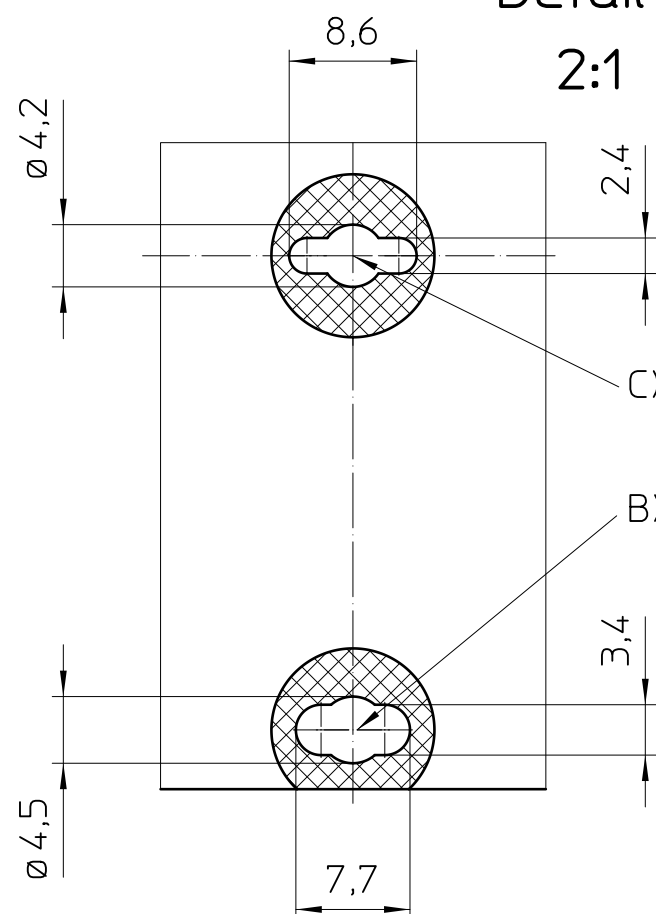


Detail1

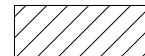


Detail1

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)

C

D

E

F

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 DIN A2	document-No. / RI 01370095 / 01	date 02.08.2021	scale 1:1
	ident.-No. 1310928	document-type TECDOC 2D_Productdrawing	
page 3 of 6	description UM-PRO-KIT-B72-L100-7035		

1

2

3

4

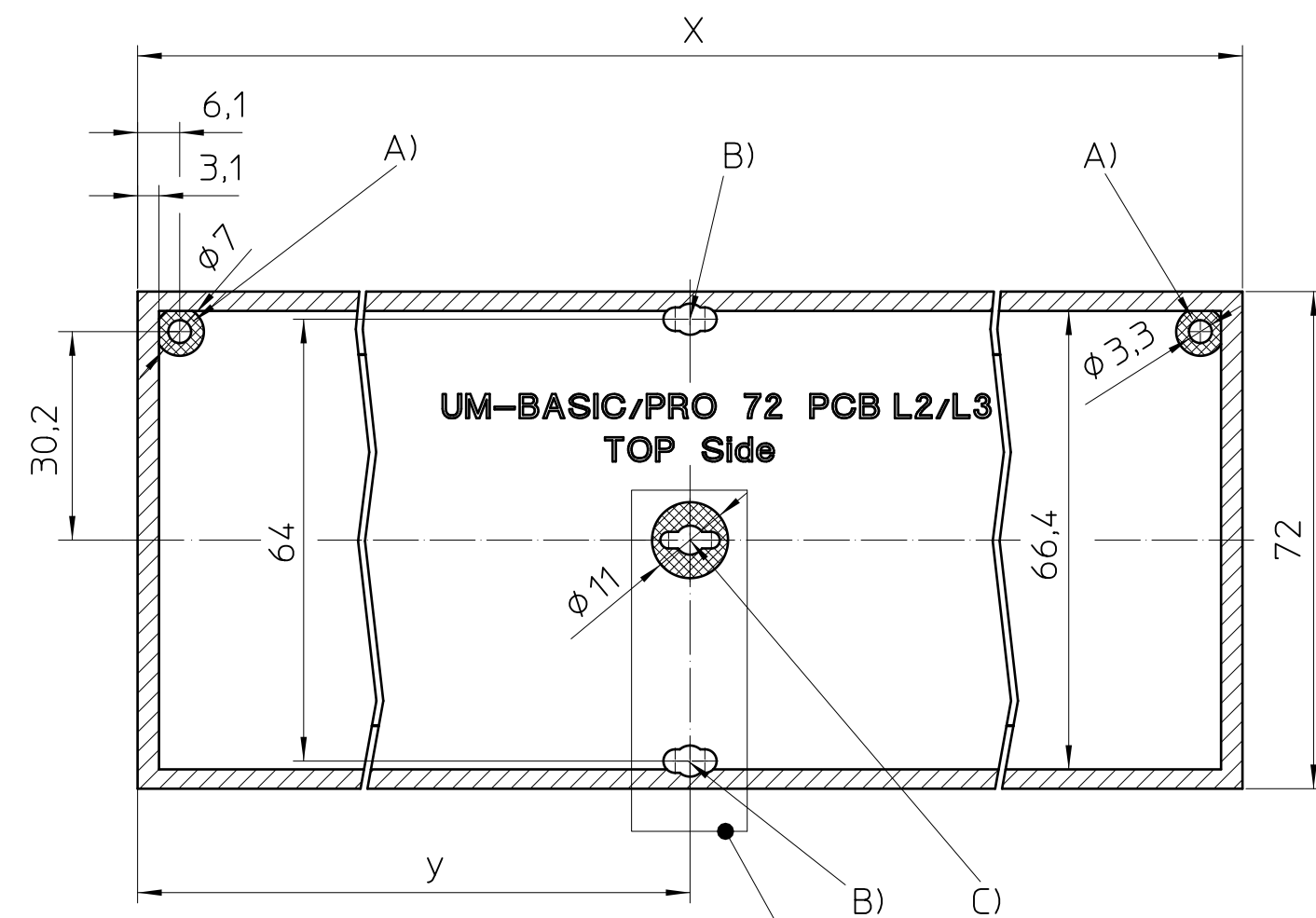
5

6

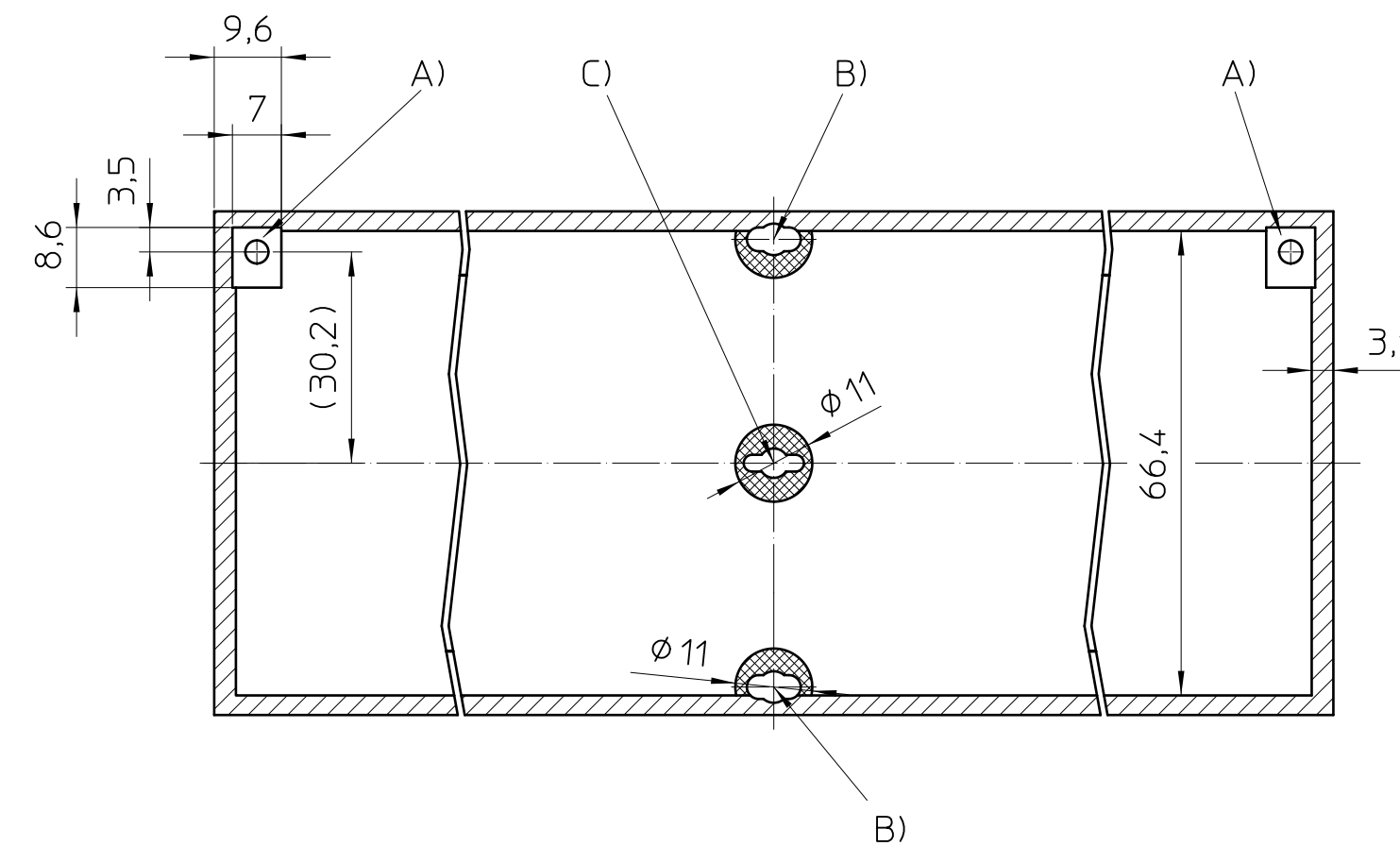
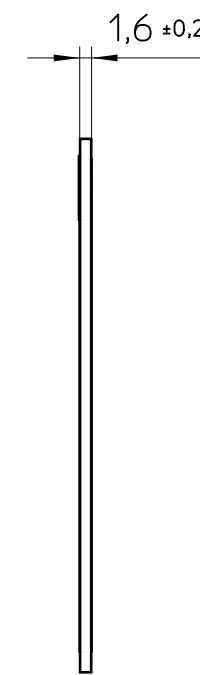
7

8

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

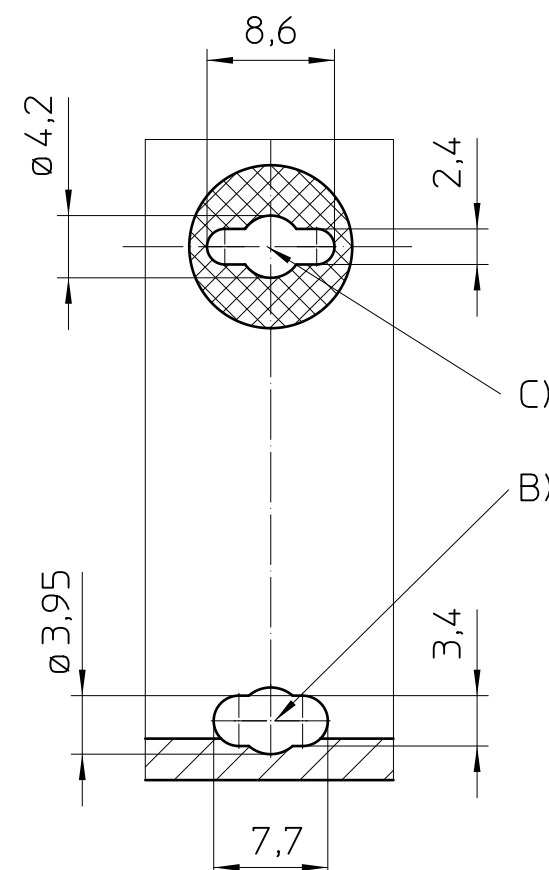


Detail1



Detail1

2:1



General Information:

- Simplified representation
- Document excluded from change process
- Linear dimensions [mm]
- 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

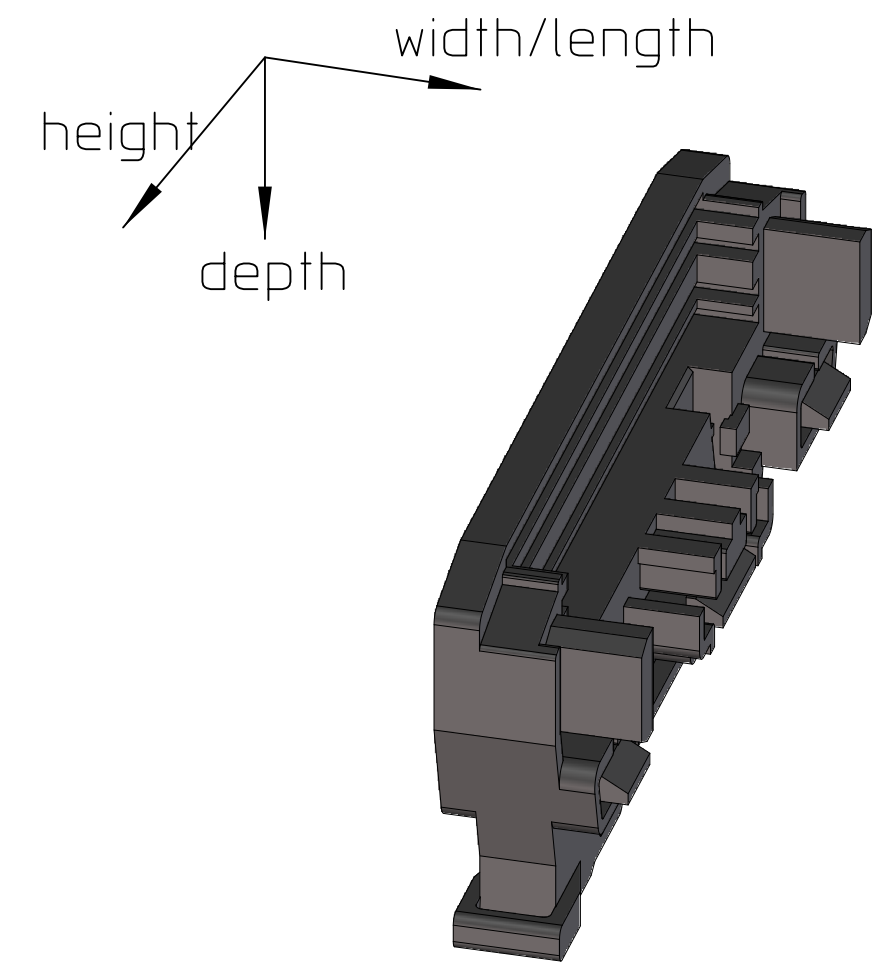
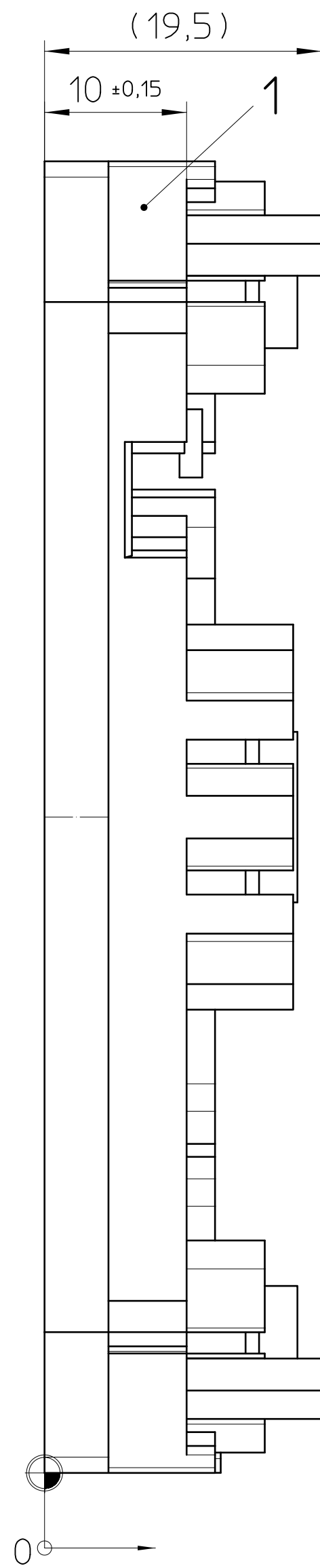
B) optional cutout and restricted area for UM-PRO PCB S-LOCK

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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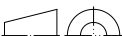
General Information:

- 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, PA plastic parts with about 2% (% by weight) moisture content.
-  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:

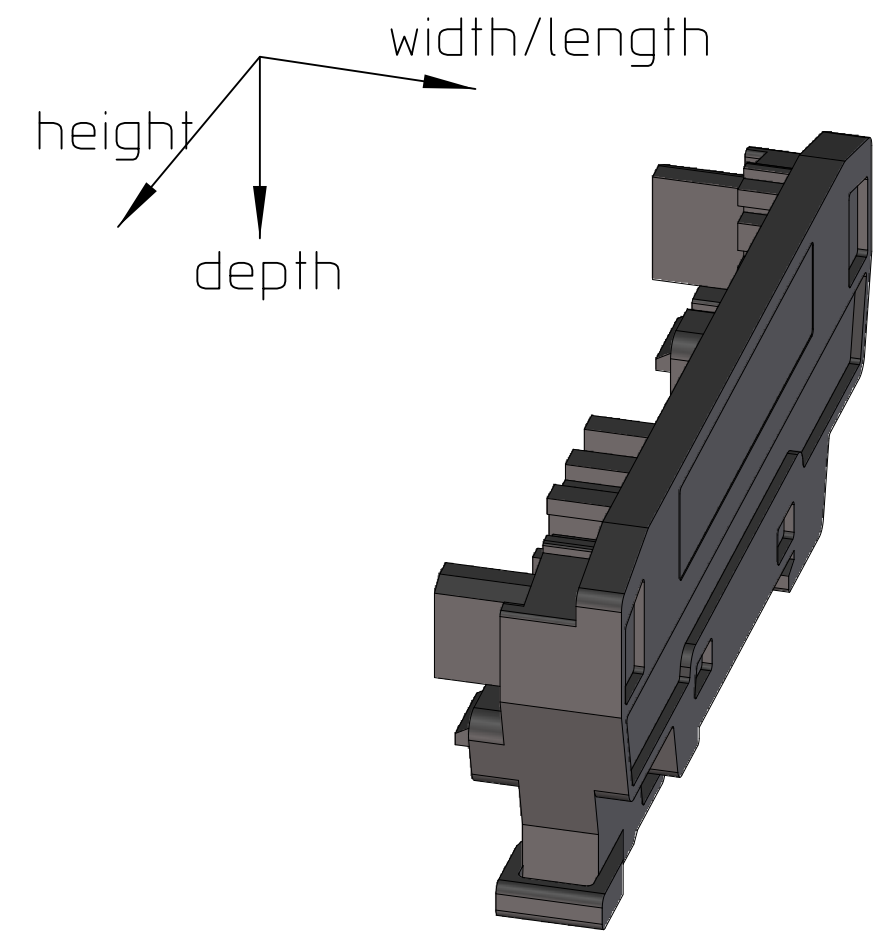
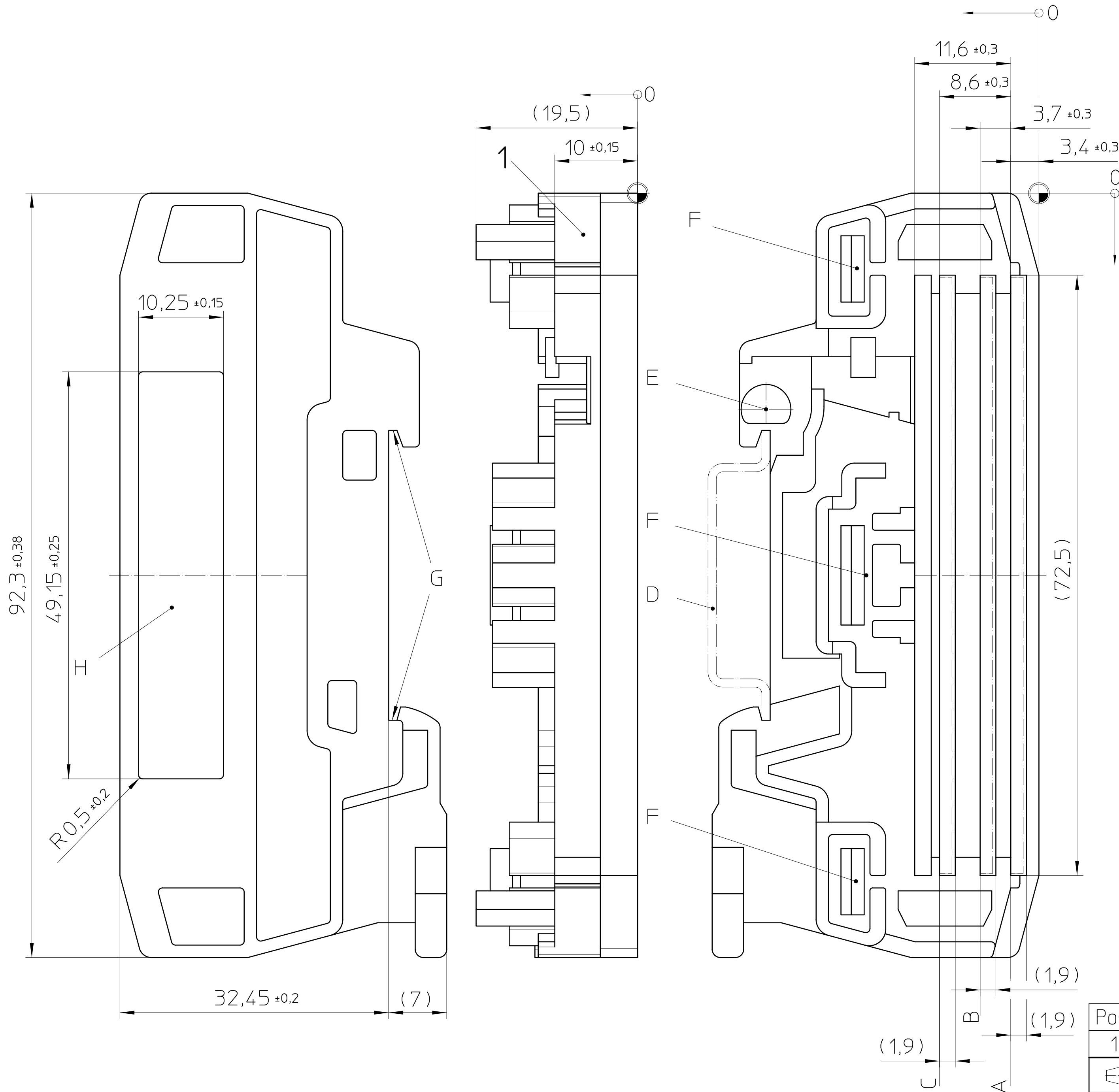
- A) PCB L1
- B) PCB L2
- C) PCB L3
- D) Mounting rail according to DIN EN 60715: TH 35-7,5 or
Mounting rail similar to DIN EN 60715: TH 35-15x1,5
- E) Fix point for UM-PRO PE CONTACT
- F) Fix point for UM-PRO 72 PROFILE
- G) Fix point for UM-PRO MOUNT
- H) Marking area

- Recommended PCB-outline see further documentation

Pos.	QTY	description		material	
1	1	LATERAL ELEMENT LEFT		PA	
  DIN A3		document-No. / RI 01370095 / 01		date 02.08.2021	scale 2:1
		ident.-No. 1310928		document-type TECDOC 2D_Productdrawing	
		description UM-PRO-KIT-B72-L100-7035			
page 5		of 6			

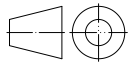
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 -  Workpiece zero point for mechanical processing
 - Tolerances for mechanical processing are ISO 2768-mk
 - Machining radii min. R1, further on request
 - Web: www.phoenixcontact.com webcode: #0313 / #0314

- 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 RIGHT	PA
 DIN A3		document-No. / RI 01370095 / 01	date 02.08.2021
		ident.-No. 1310928	document-type TECDOC 2D_Productdrawing
		description UM-PRO-KIT-B72-L100-7035	
		page 6 of 6	