

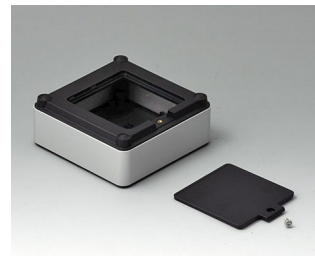
ES103059

SYNERGY S100

4-part enclosure for many different applications. Sturdy frame made of aluminium, glass bead-blasted and anodised. Plastic parts made of ASA+PC-FR with good UV resistance and high flame resistance. Attachment domes for PCBs and components in the top and bottom parts. Top part with recessed surface to protect the membrane keyboard. Bottom part with opening and screw-down cover: practical for the use of a battery compartment or for access to the interior, e.g. for a memory card or batteries that are mounted directly on the PCB. Battery compartment kit 4 x AA with contact springs, battery clips, button cell holder and wall mounting option as accessories.

Supply

Top part, bottom part, lid, aluminium profile, assembly kit



TECHNICAL DATA

Material	Aluminium AlMgSi 0.5 Frame, ASA+PC (UL 94 V-0) Plastic parts
Protection class	IP 40
Colour	Frame matt anodised, Plastic parts black RAL 9005
Standards	RoHS compliant, REACH compliant

The degree(s) of protection listed refer to the empty standard enclosures (without any modifications) and are in compliance with the EN 60529 standard.

Length	100 mm
Width	100 mm
Height	40 mm
PCB length, base	84.5 mm
PCB width, base	84.5 mm
PCB length, top	84.5 mm
PCB width, top	84.5 mm
Keypad length	82.1 mm
Keypad width	82.1 mm

Please take the dimensions from current parts. These are subject to material- and manufacturing-specific tolerances.

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PURCHASING DATA

Weight/1 part	153 g
Customs tariff number (OKW product)	76042100
Country of manufacture	Germany

CUSTOMISING OPTIONS

What else do you need to create your own personal product? We can supply our enclosures and tuning knobs fully modified to suit your electronic components and design requirements. Please advise for anything else we can do for you.

Customising options for ES103059



Machining



Printing



Laser marking



Decor foils



EMC shielding



Installation / Assembly
of accessories

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ACCESSORY "BATTERY"



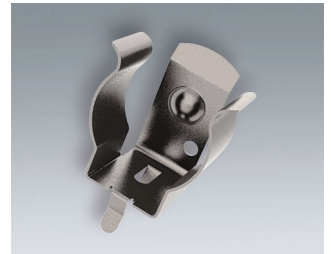
A9193033
Polarity reversal protection
device, positive terminal AA
ABS (UL 94 HB)
off-white RAL 9002



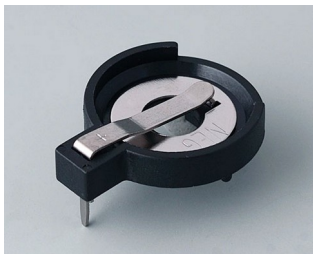
A9193034
Polarity reversal protection
device, positive terminal AAA
ABS (UL 94 HB)
off-white RAL 9002



A9193035
Battery clip, AA
Steel
nickel-plated



A9193036
Battery clip, AAA
Steel
nickel-plated



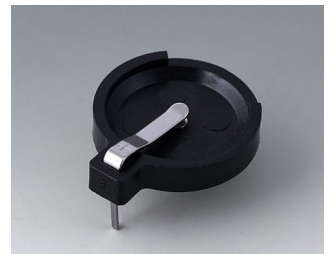
A9193037
Button cell holder, Ø 20 mm



A9193038
Button cell holder, Ø 23 mm



A9193039
Button cell holder, Ø 12 mm

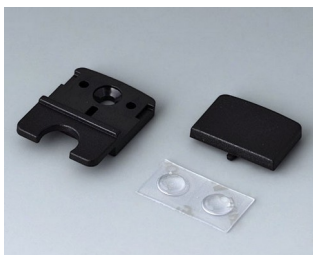


A9193040
Button cell holder, Ø 16 mm



EZ050609
Battery compartment, 4 x AA
ASA+PC (UL 94 V-0)
black RAL 9005

ACCESSORY "WALL/HOLDER"



EZ030109
Wall suspension element
ASA+PC (UL 94 V-0)
black RAL 9005

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ACCESSORY "SCREWS"

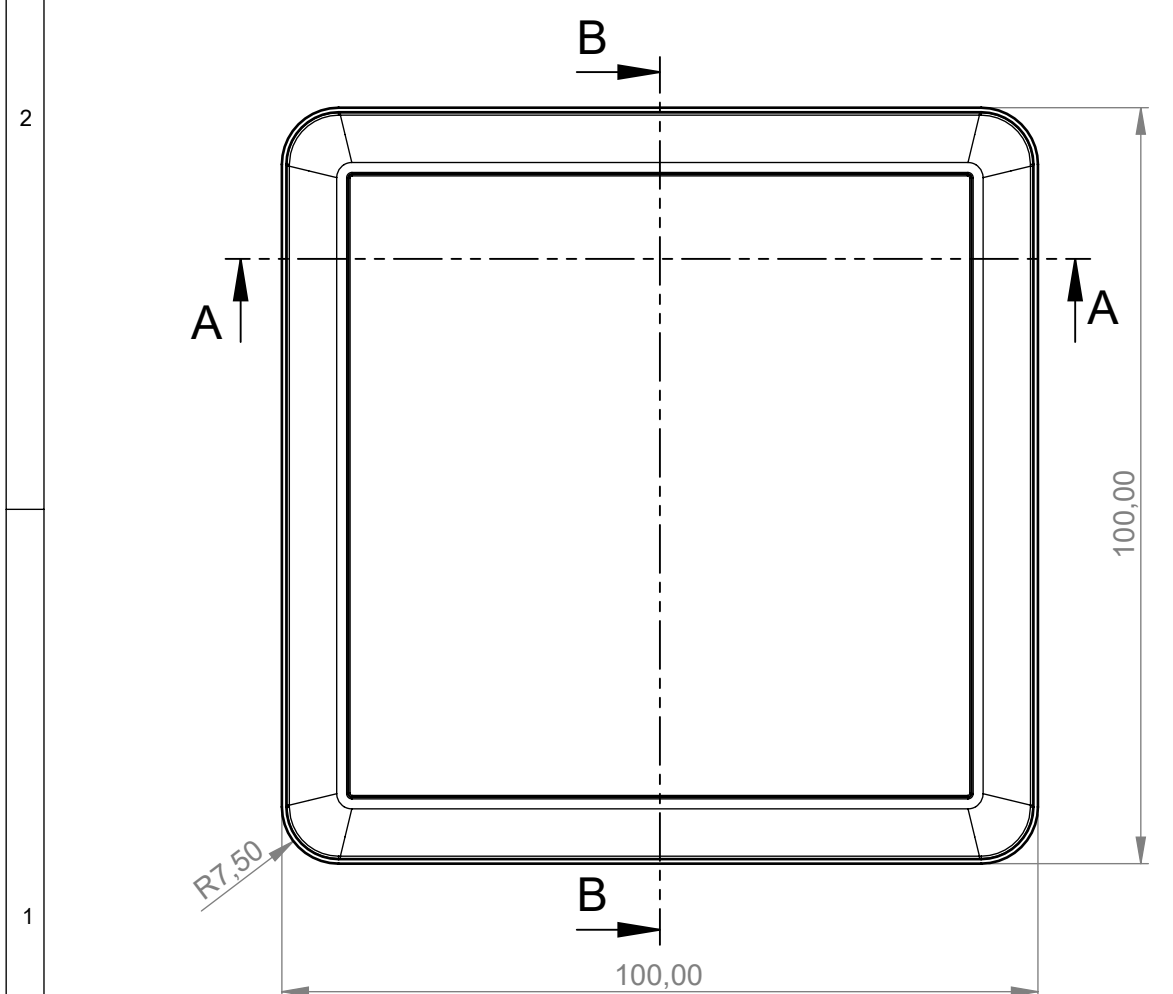
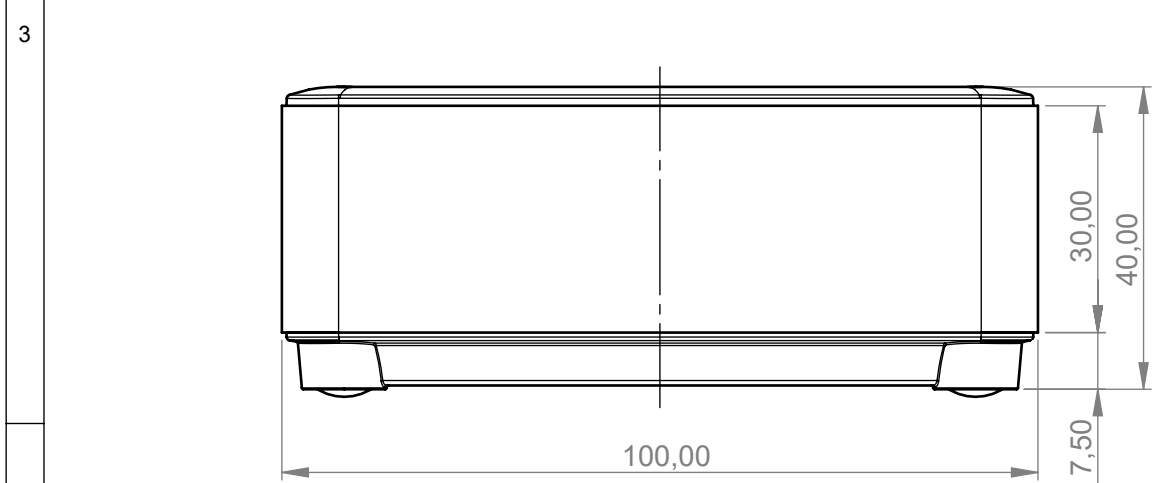
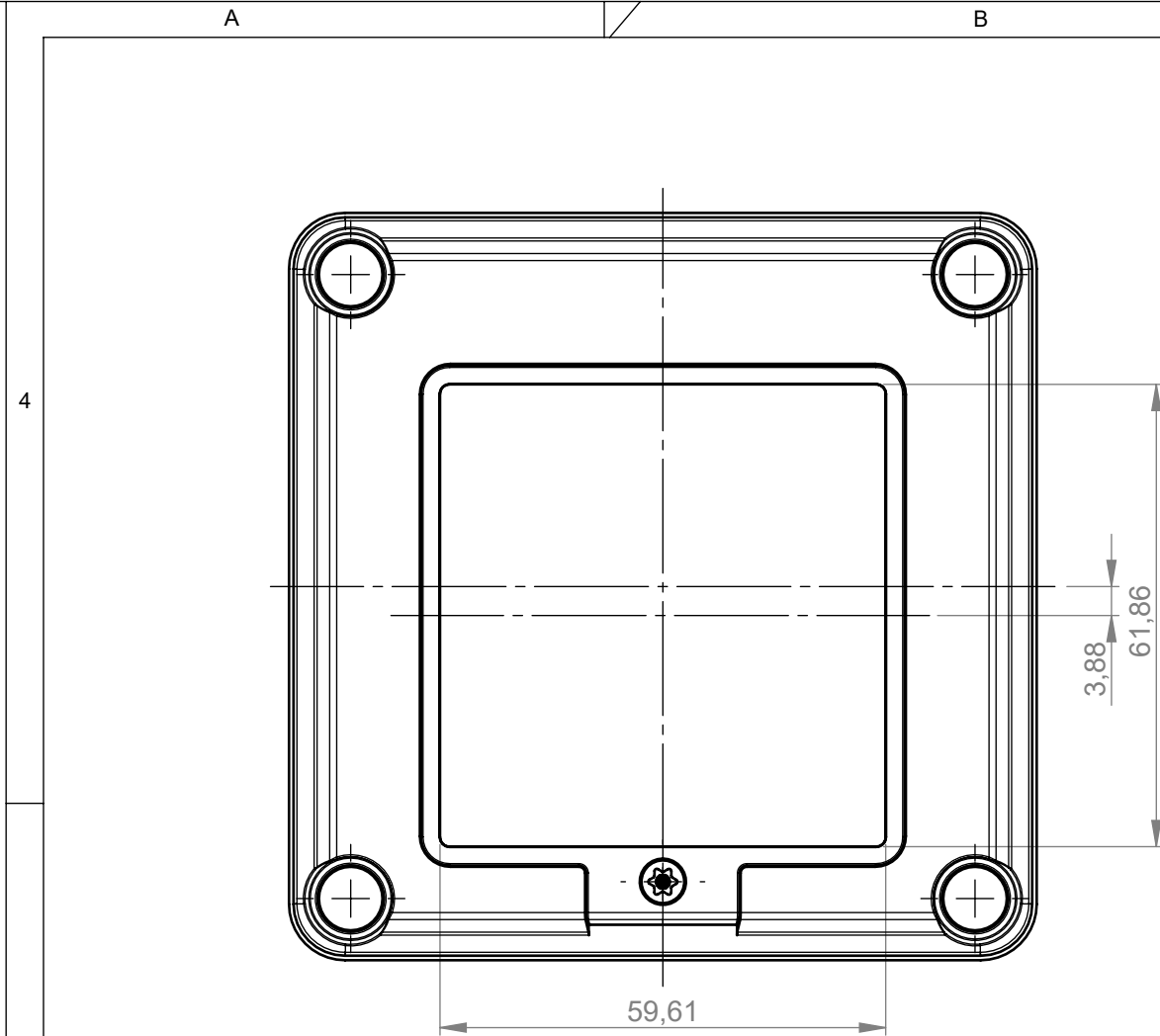


A0305031
Self-tapping screws 2.5 x 6 mm
(PZ1)

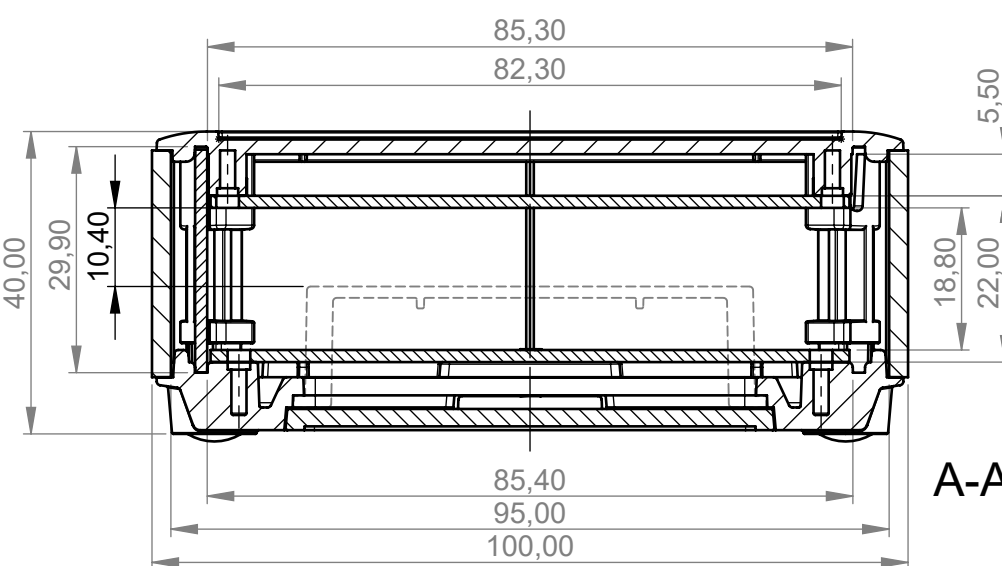
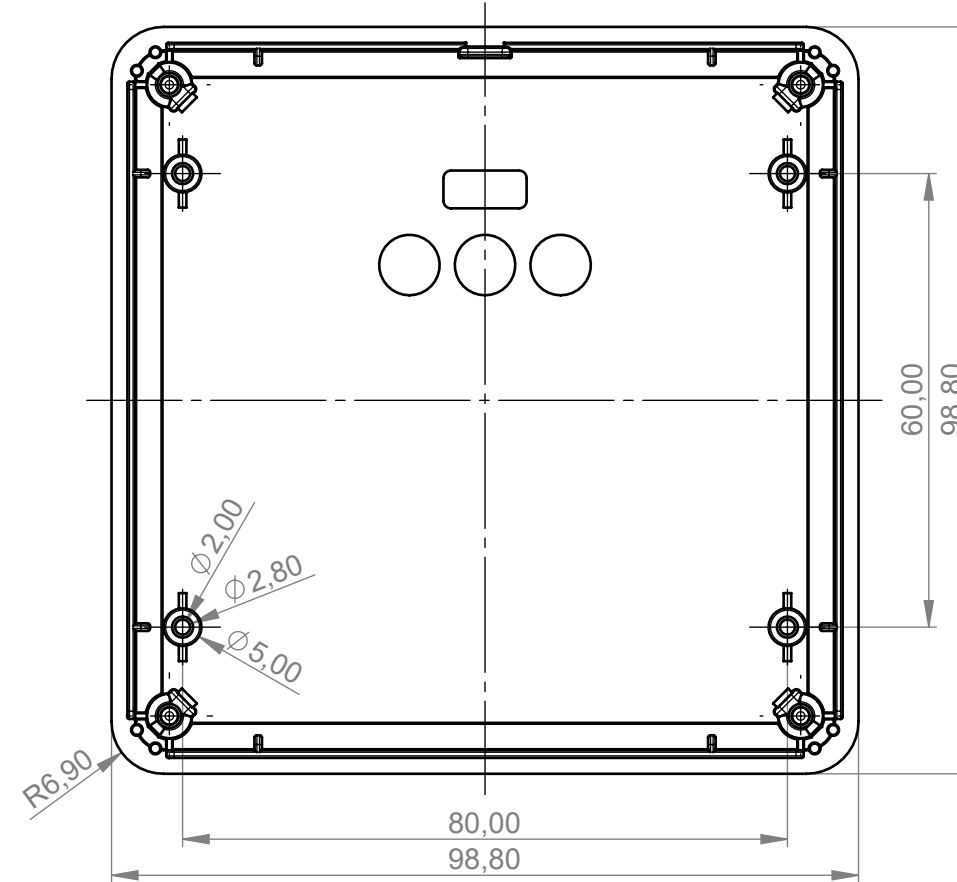


EZ031209
Extender kit
ASA+PC (UL 94 V-0)
black RAL 9005

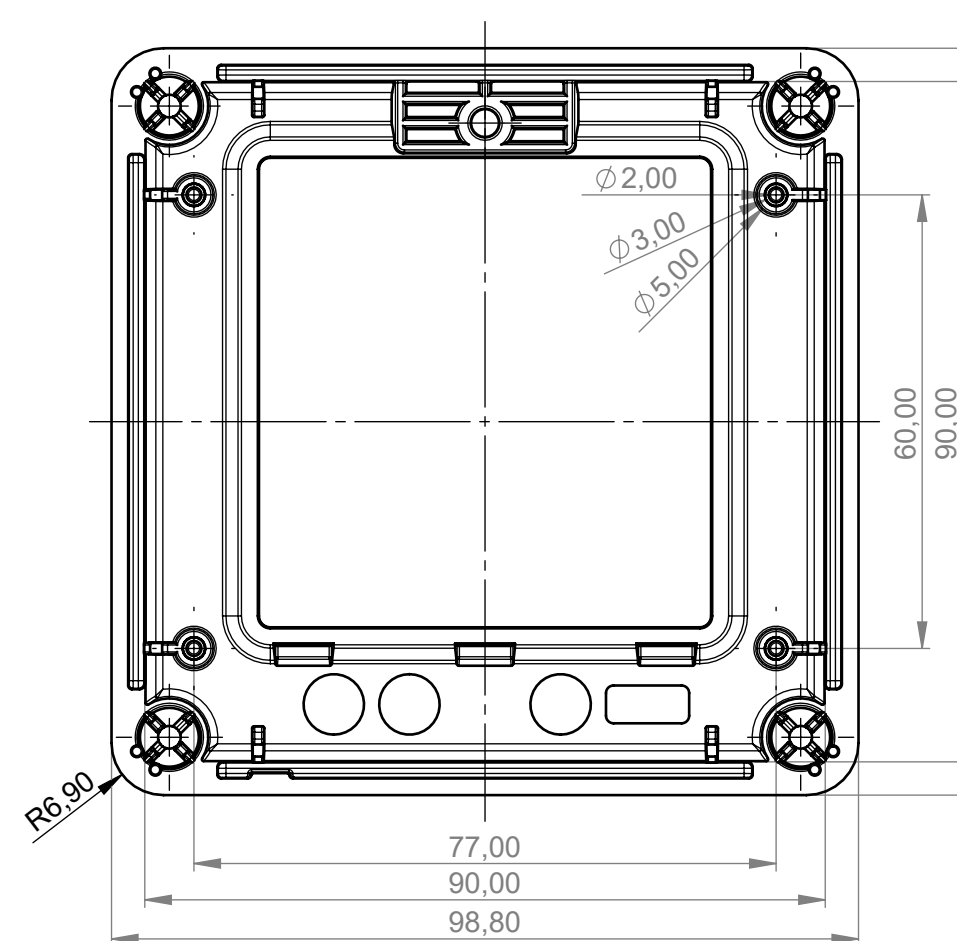
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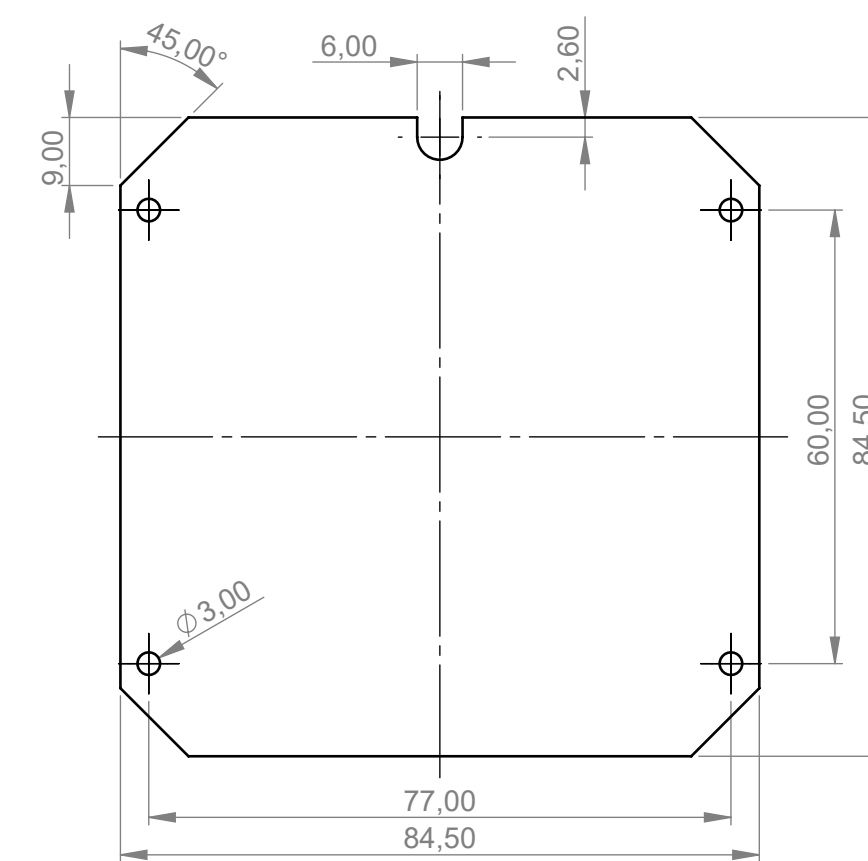
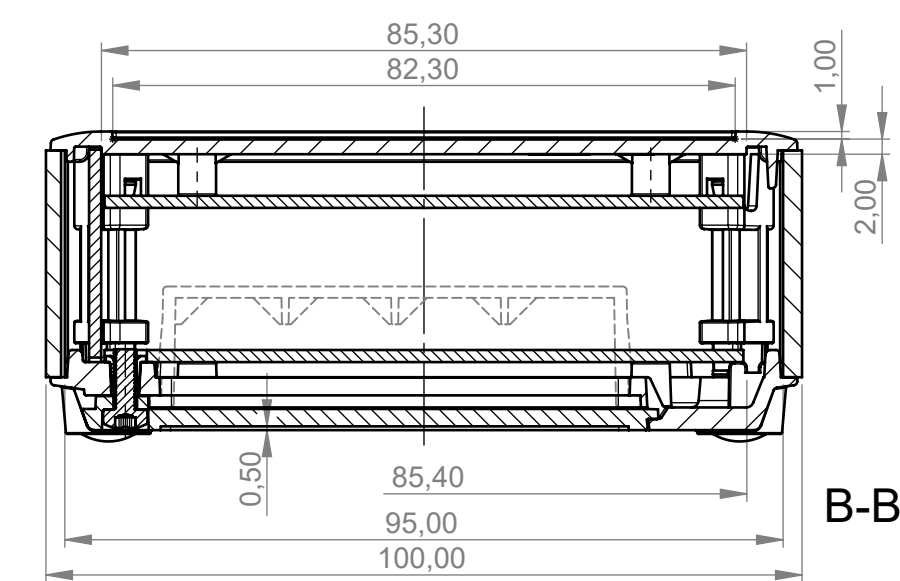
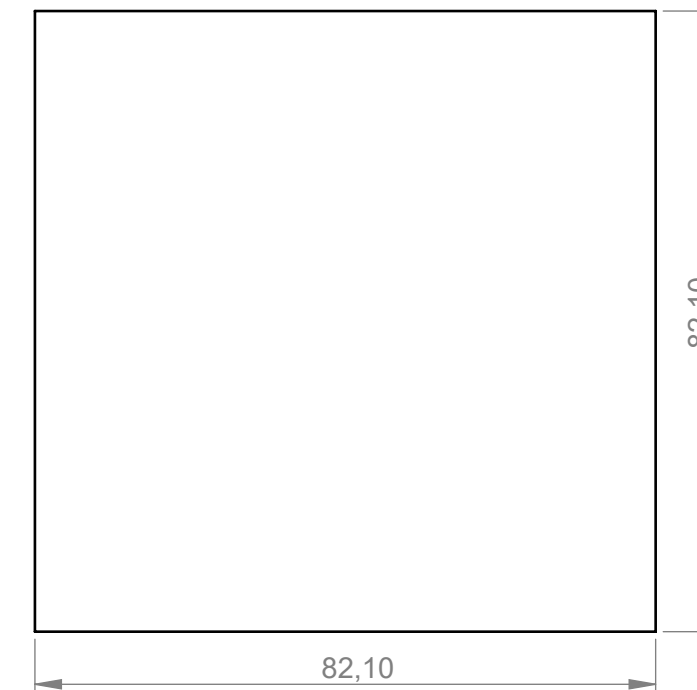
Oberteil Innenansicht
Top part inside view



Unterteil Innenansicht
Base part inside view

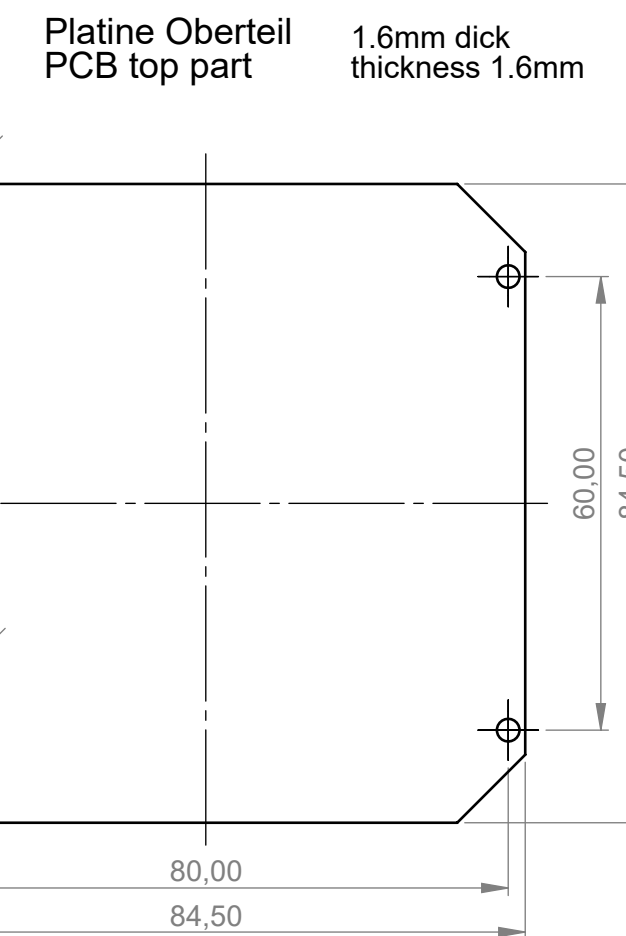


Folientastatur
Membrane keyboard

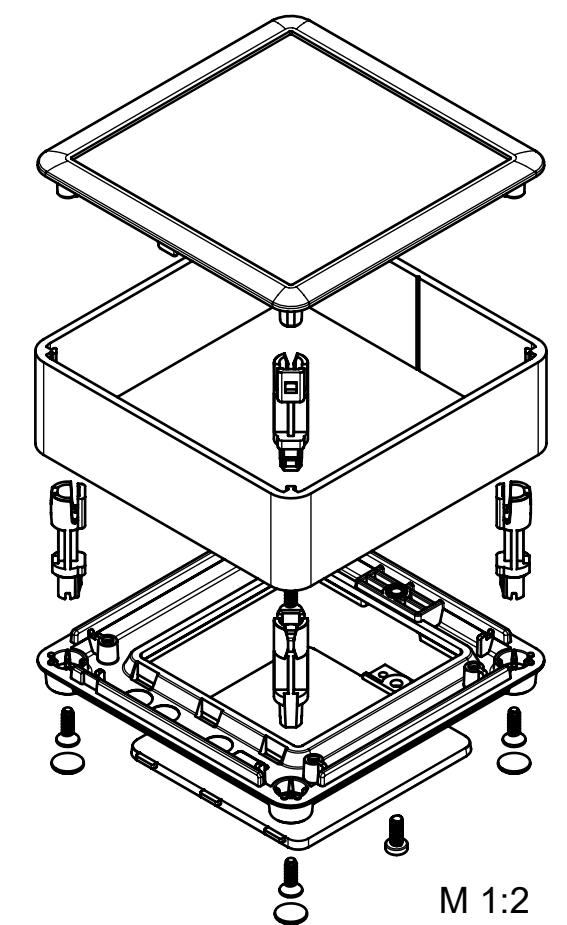


Platine Unterteil
PCB base part

1.6mm dick
thickness 1.6mm



1.6mm dick
thickness 1.6mm



Bitte die Maße an aktuellen
Teilen abnehmen.
Diese unterliegen material-
und produktionsspezifischen
Fertigungstoleranzen.

Please take the dimensions from current parts. These are subject to material- and manufacturing-specific tolerances.

Informationskopie
wird nicht aktualisiert
Copy for Information
will not be updated

Technische Änderungen vorbehalten. Irrtümer oder Druckfehler begründen keinen Anspruch auf Schadenersatz. Wichtige Einbaumaße bitte direkt mit dem aktuellen Produkt abstimmen.

Subject to technical modification without prior notice. Typographical and other errors do not justify any claim for damages. All dimensions should be verified using an actual moulded part.

Sous réserve de modifications techniques. Toute erreur ou faute d'impression ne justifie aucune demande d'indemnisation. Nous prions les clients de vérifier les dimensions des composants avec les boîtiers avant le montage.

Erst. am:	15.07.2014
Erst. von:	D. Hasselbach
Freig. am:	
Freig. von:	
Revision:	02

	Toleranzen:
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Volumen:	
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Status:
ÄNDERUNG

Zeichnungsart:
KUNDE

DIN 6 Teil 2

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SYNERGY S100
Komplettgehäuse 100 x 100 x 40

ES10305*

M 1:1

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Dateiname:
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