

ER103059

SYNERGY R100

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 high UV protection 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 2 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.

Diameter	ø 100 mm
Height	40 mm
PCB diameter, base	ø88.2 mm
PCB diameter, top	ø94 mm
Keypad diameter	ø82.1 mm

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

PURCHASING DATA

Weight/1 part	121 g
Customs tariff number (OKW product)	76042100
Country of manufacture	Germany

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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 ER103059



Machining



Printing



Laser marking



Decor foils



EMC shielding



Installation / Assembly
of accessories

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ACCESSORY "BATTERY"



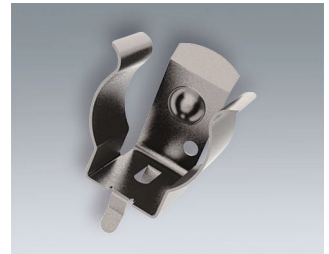
A9193033
Polarity reversal protection
device, positive terminal AA
ABS (UL 94 HB)
off-white RAL 9002



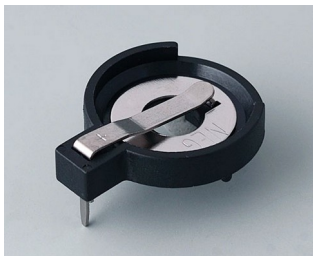
A9193034
Polarity reversal protection
device, positive terminal AAA
ABS (UL 94 HB)
off-white RAL 9002



A9193035
Battery clip, AA
Steel
nickel-plated



A9193036
Battery clip, AAA
Steel
nickel-plated



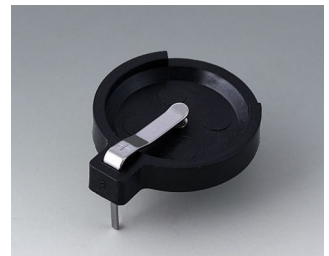
A9193037
Button cell holder, Ø 20 mm



A9193038
Button cell holder, Ø 23 mm



A9193039
Button cell holder, Ø 12 mm

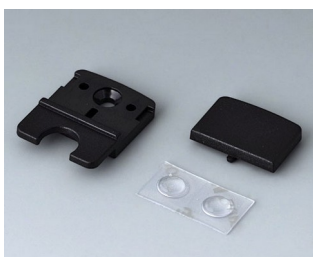


A9193040
Button cell holder, Ø 16 mm



EZ060609
Battery compartment, 2 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"

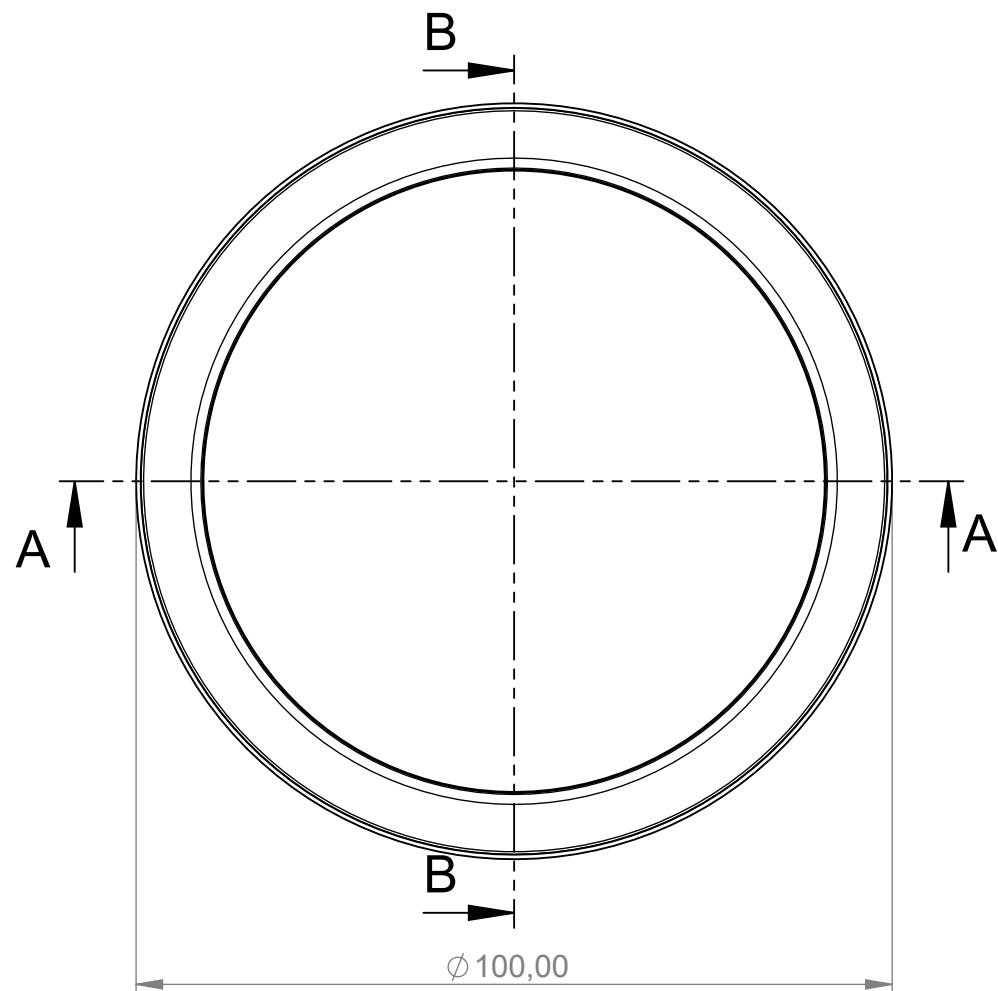
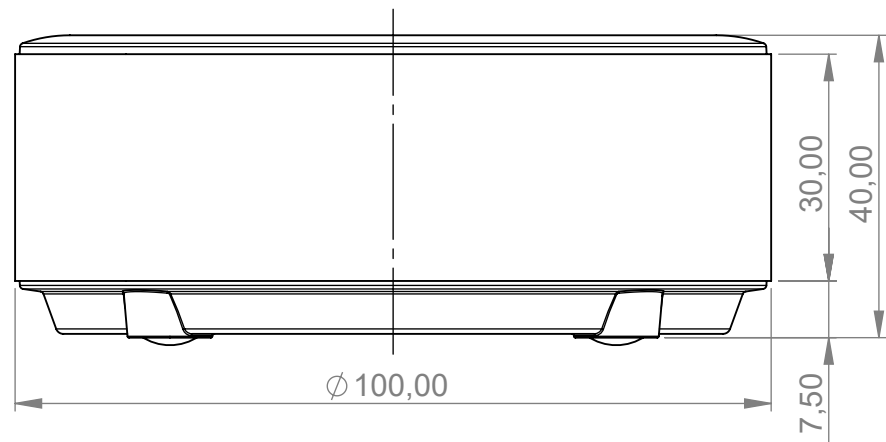
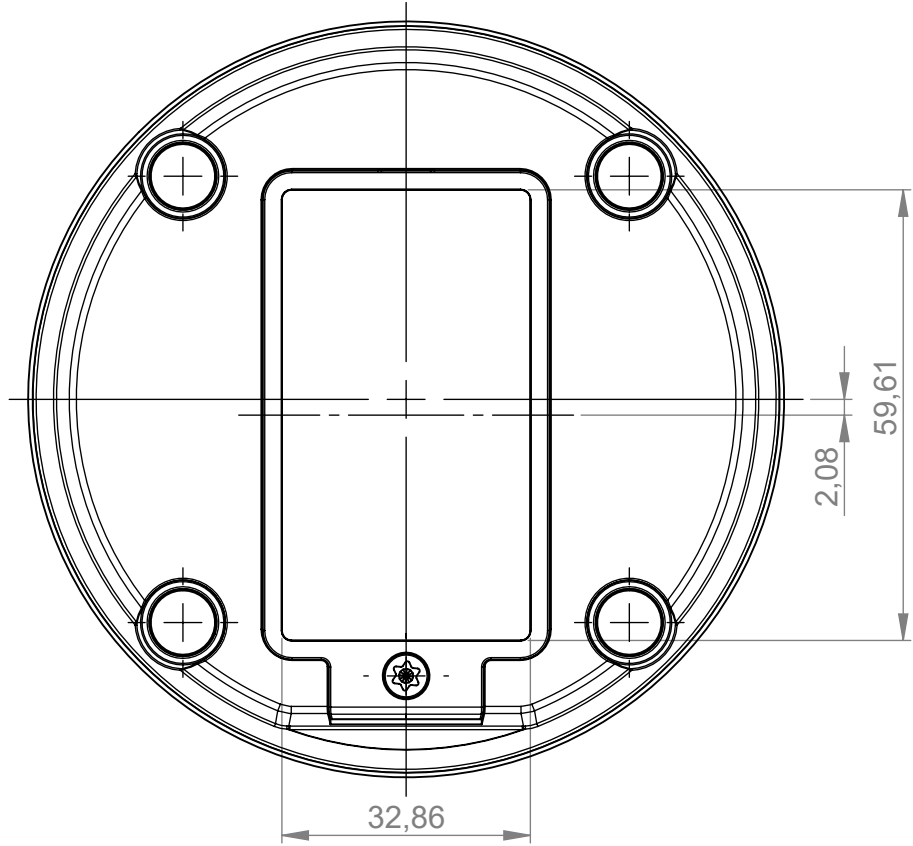


A0305031
Self-tapping screws 2.5 x 6 mm
(PZ1)

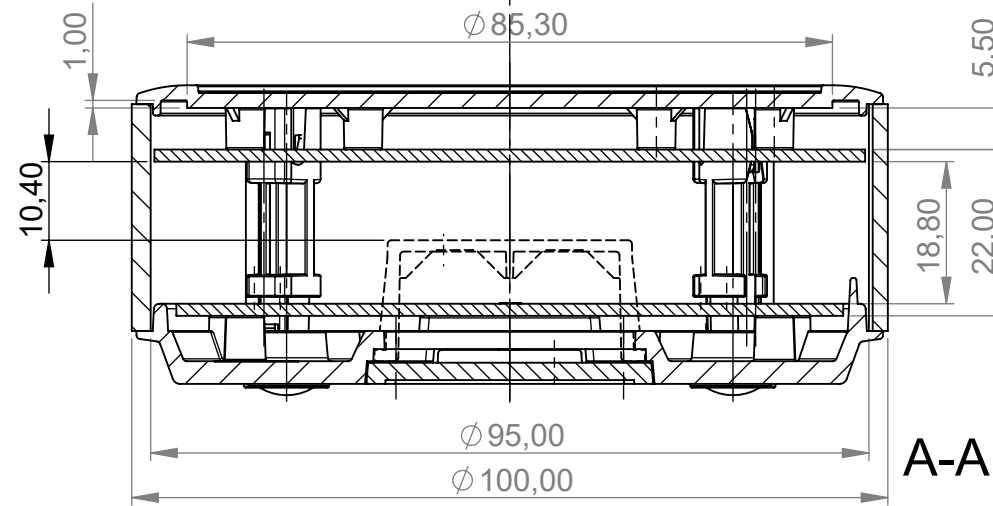
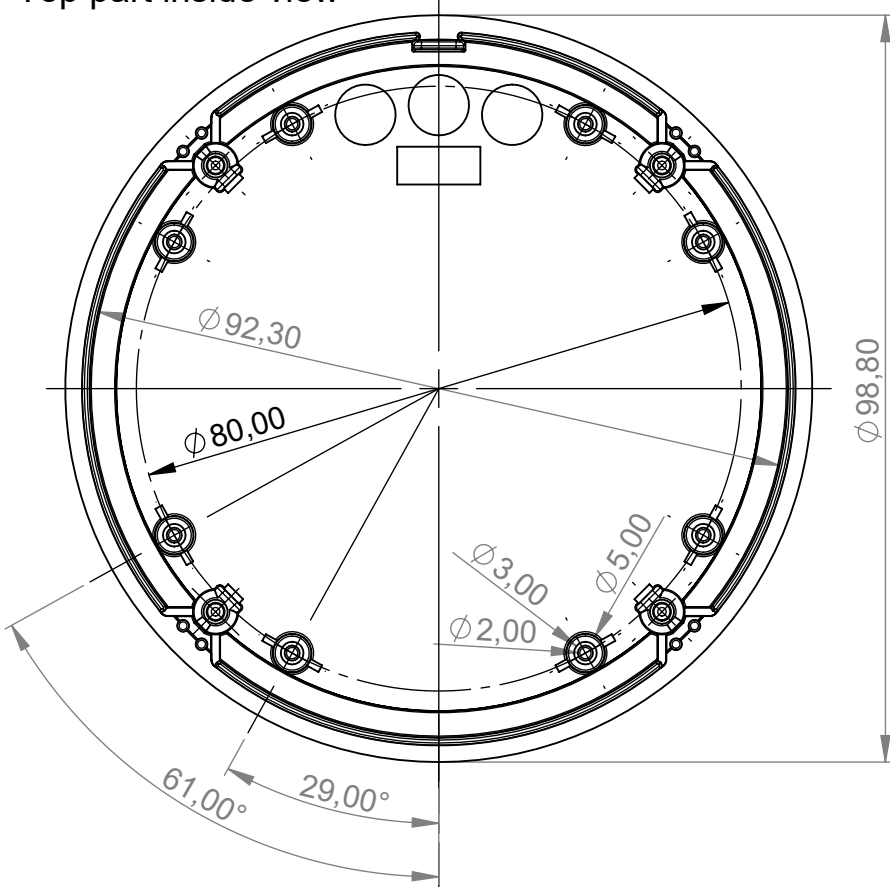


EZ031209
Extender kit
ASA+PC (UL 94 V-0)
black RAL 9005

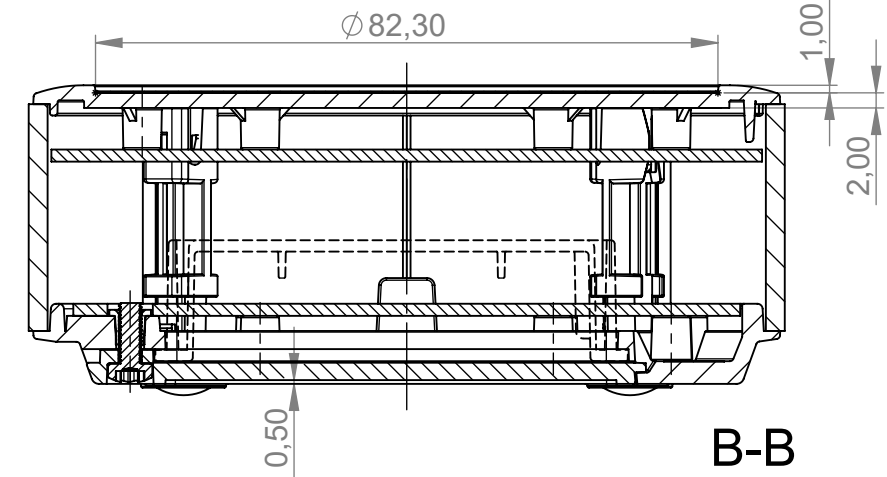
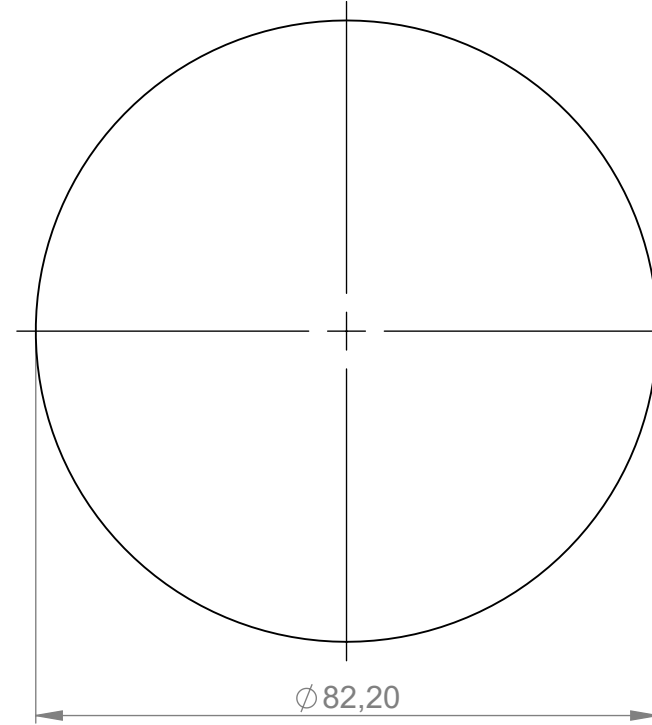
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Oberteil Innenansicht
Top part inside view

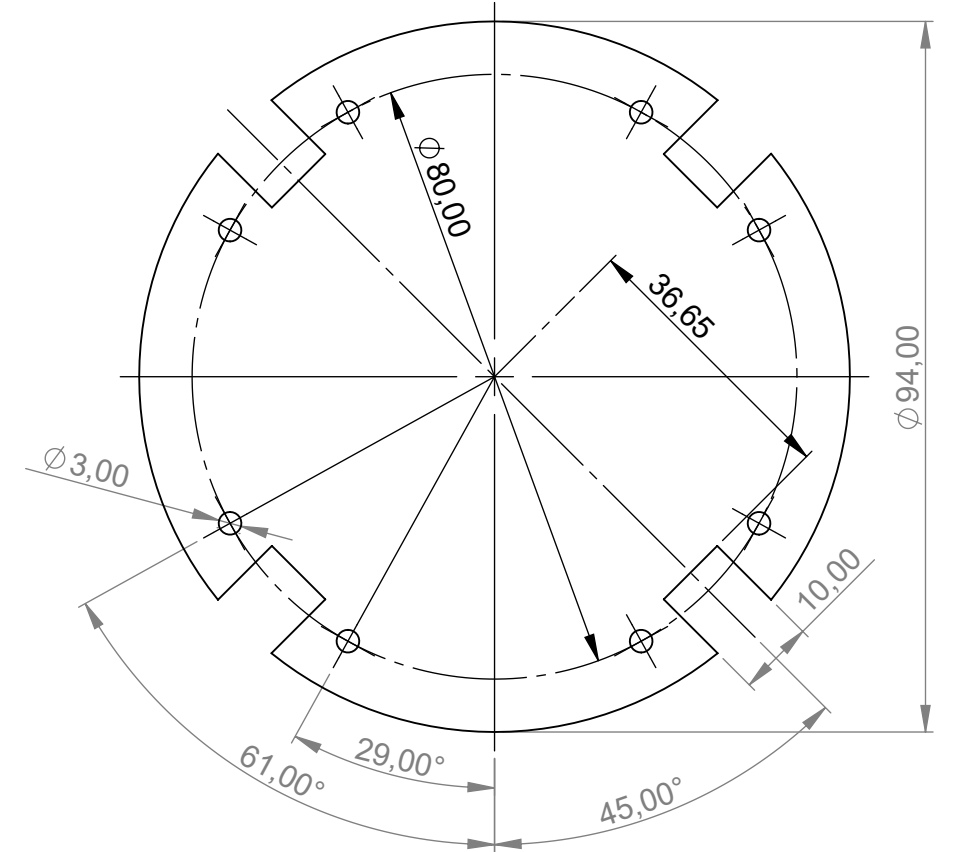


Folientastatur
Membrane keyboard

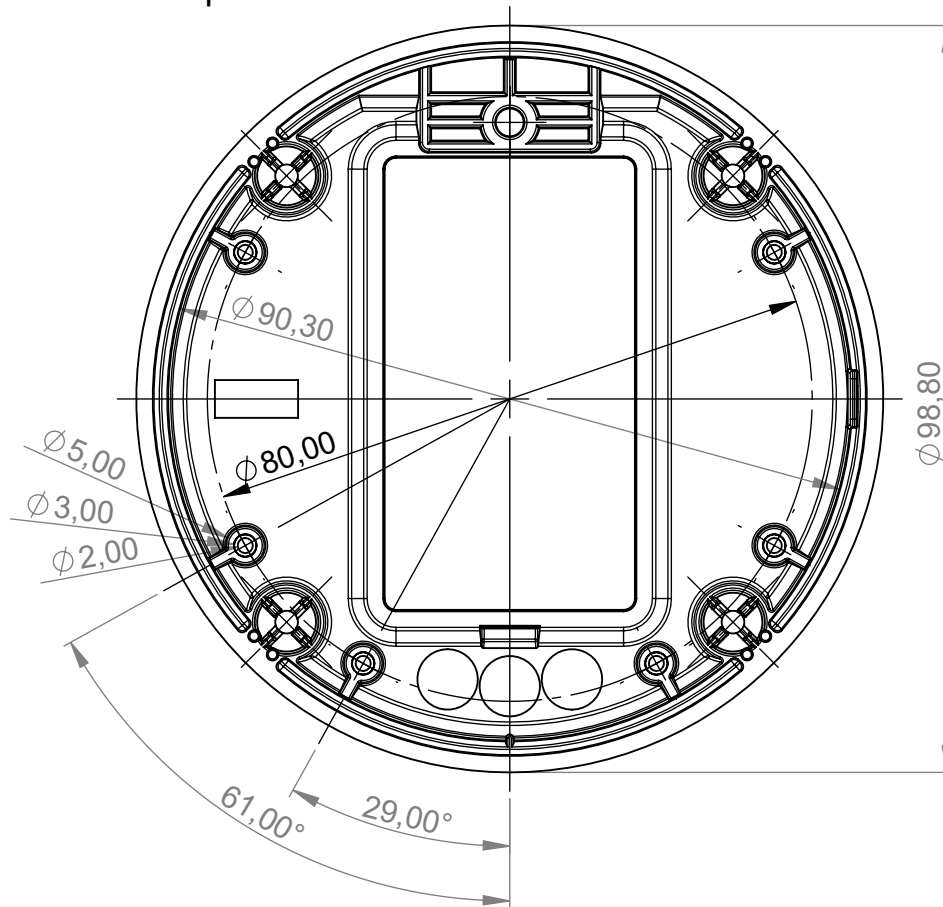


Platine Oberteil
PCB top part

1.6mm dick
thickness 1.6mm

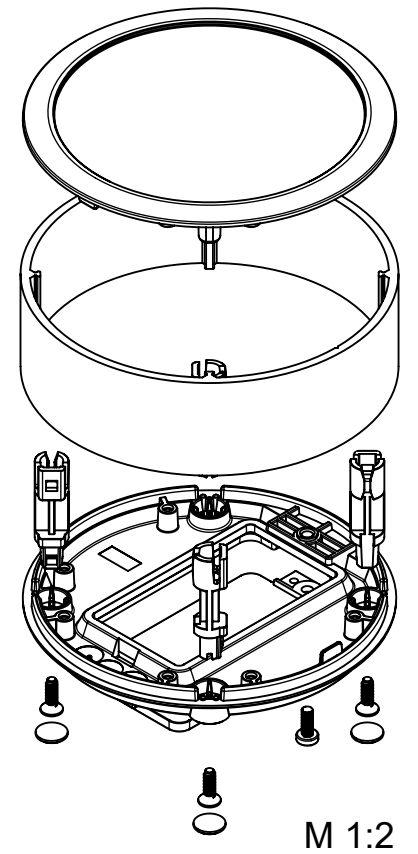
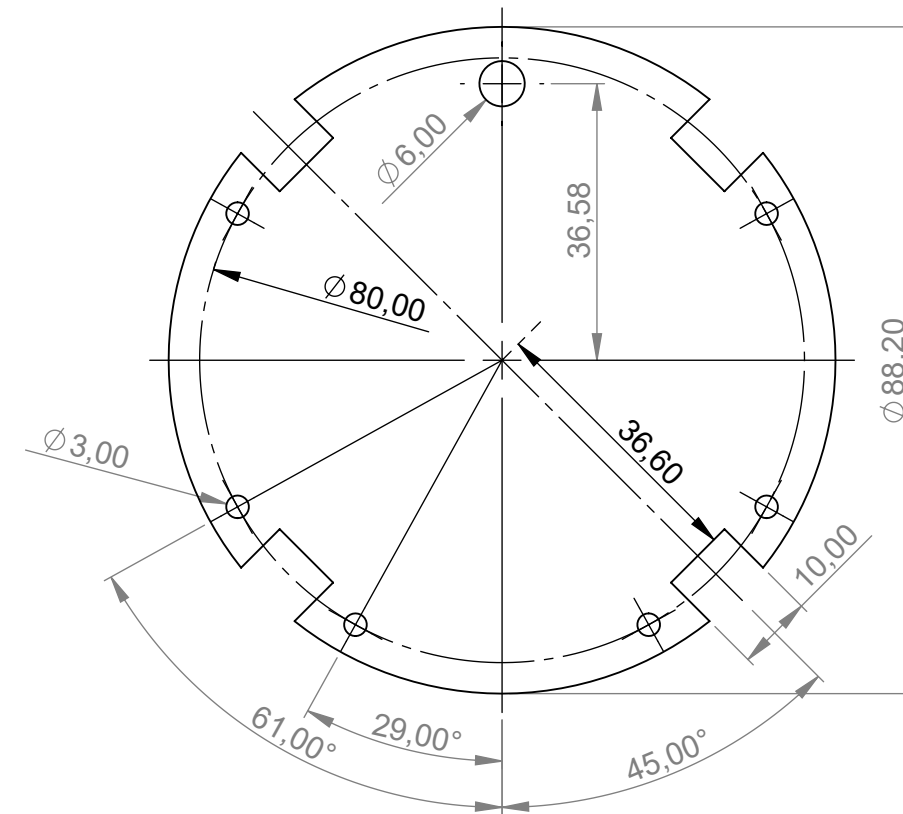


Unterteil Innenansicht
Base part inside view



Platine Unterteil
PCB base part

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.

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prions les clients de vérifier les dimensions des composants avec
les boîtiers avant le montage.

OKW
GEHÄUSE
SYSTEME

Erst. am: 26.08.2014
Erst. von: D. Hasselbach
Freig. am:
Freig. von:
Revision: 02

Toleranzen:
Volumen:

Status:
ÄNDERUNG
Zeichnungsart:
KUNDE

DIN 6 Teil 2

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SYNERGY R100
Komplettgehäuse ø100 x 40
ER10305*

M 1:1

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Dateiname:
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