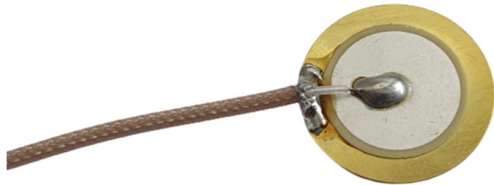


# piezo sensor

type: PSA



picture alike

## PSA

5006 01xx 00xx

Apr-21

- \_ easy to mount (to glue)
- \_ high linearity
- \_ long lifetime
- \_ no aging
- \_ wear-free
- \_ least temperature drift

## application range

force and distortion measurement

slug detection, die crash detection,  
wear detection

## technical data

feature	
material	brass/piezo ceramics
operating temperature range	-20....+60°C
output	load
impedance	200-700Ω
capacity	9000-12000pF
resonance frequency	>6.4 kHz
bending radius	>10mm
cable length standard	1m (others possible*)
variations	10,5/12/20mm
potting compound	2K epoxy resin
installation depth	3mm
enclosure rating	poured IP67

## subject to change

TRsystems GmbH, system area  
UNIDOR  
Freiburger Straße 3  
75179 Pforzheim  
Tel. +49 (0) 7231 3152-0  
unidor@trsystems.de  
[www.unidor.de](http://www.unidor.de)

# piezo sensor

type: PSA

## PSA

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## order data / types

type	description	order number
PSA 10.5	PSA sensor 10,5mm diameter, cable length 2m	5006 0110 0020
PSA 12	PSA sensor 12mm diameter, cable length 2m	5006 0112 0020
PSA 20	PSA sensor 20mm diameter, cable length 1m	5006 0120 0000
PSA 20	PSA sensor 20mm diameter, cable length 2m	5006 0120 0020
PSA 20	PSA sensor 20mm diameter, cable length 3m	5006 0120 0030
PSA 20	PSA sensor 20mm diameter, cable length 5m	5006 0120 0050

\* possible cable lengths: 1m; 2m; 3m; 5m; as well as special lengths

## accessories

type	description	order number
mounting frame PSA 10.5	mounting frame for PSA 10.5mm	
mounting frame PSA 20	mounting frame for PSA 20mm	4997 0481

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# piezo sensor

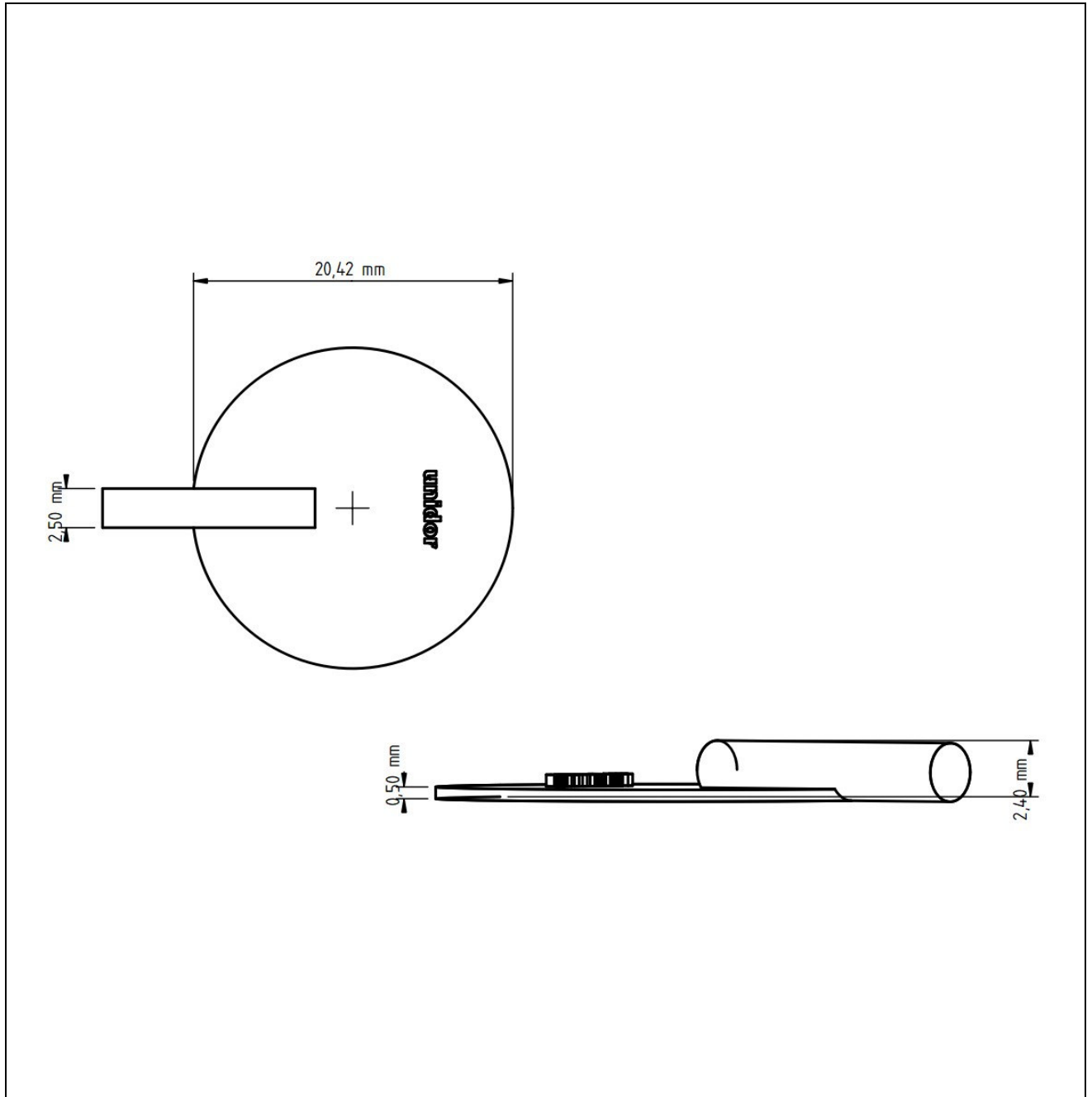
type: PSA

dimensions PSA D20

PSA

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# piezo sensor

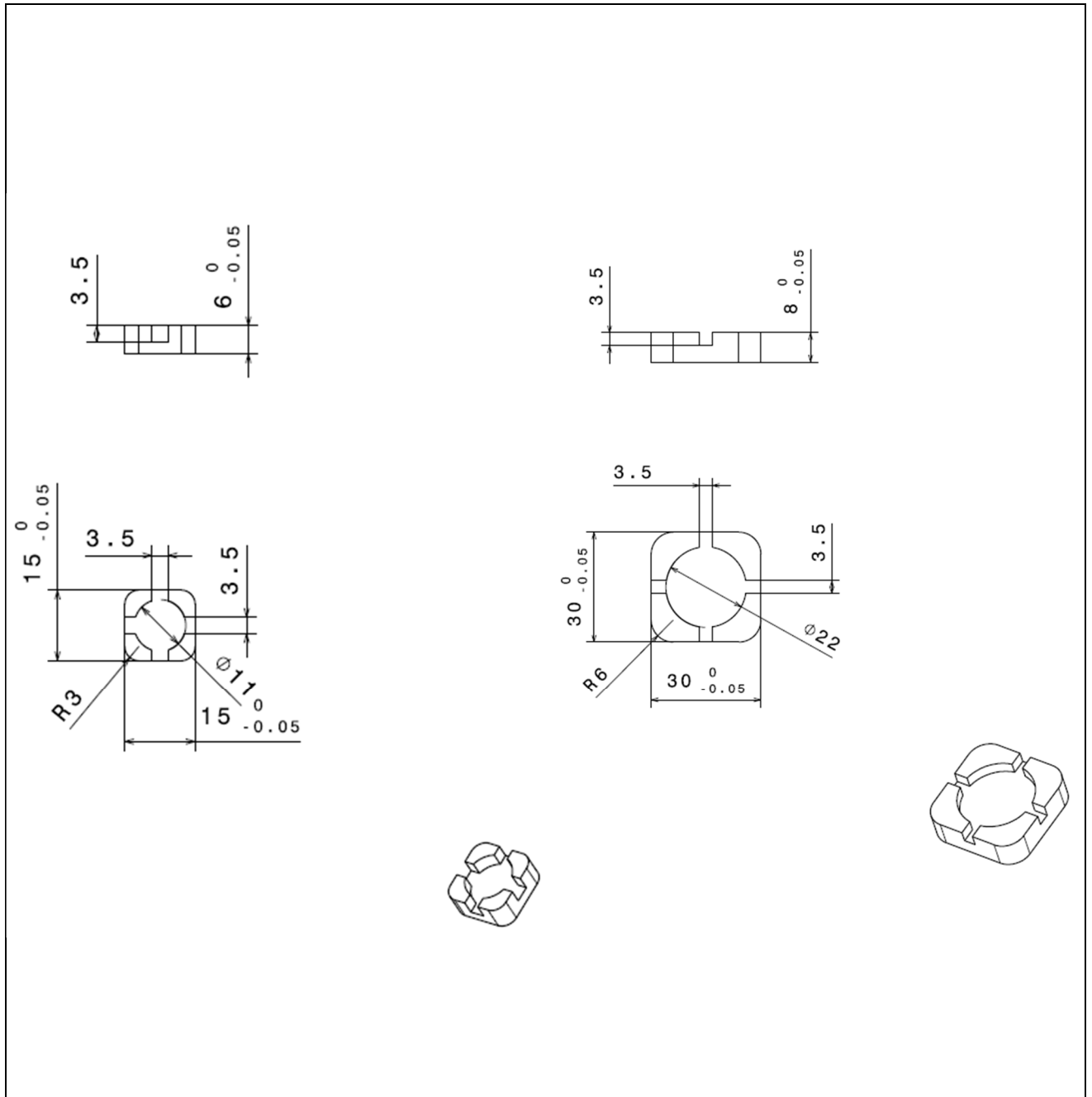
type: PSA

PSA

5006 01xx 00xx

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## dimensions mounting frame



subject to change

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