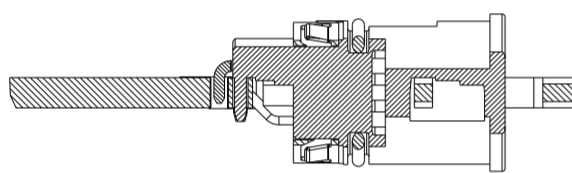
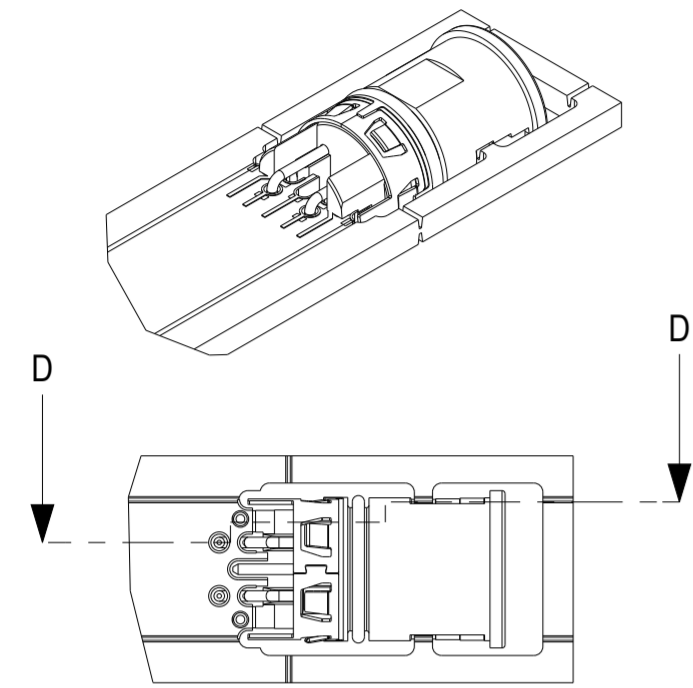


Leiterplatten Optionen / PCB options

Leiterplattendicke 2 mm  
Layoutempfehlung siehe 225321

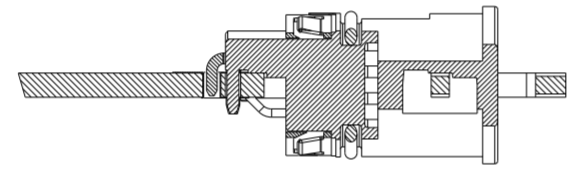
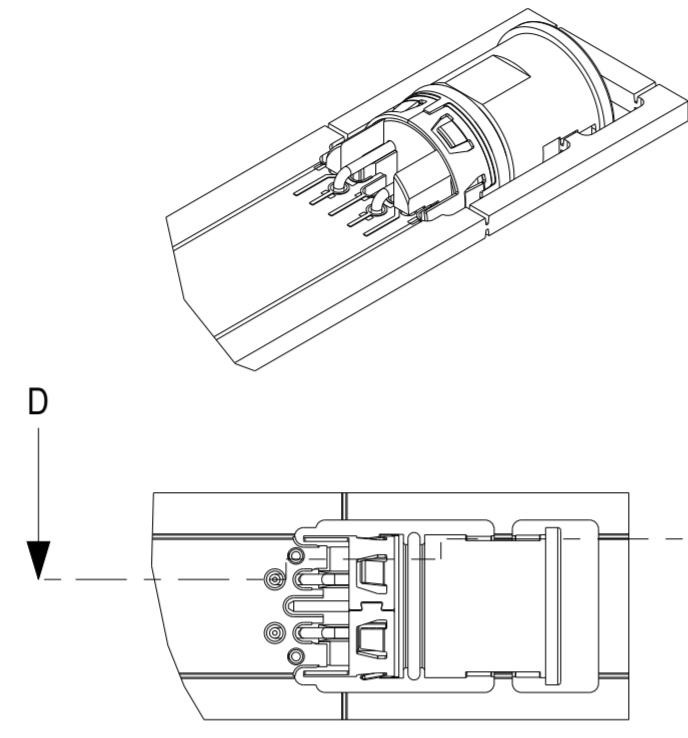
PCB thickness 2 mm  
For recommended dims see 225321



SCHNITT D-D  
SECTION D-D

Leiterplattendicke 1,6 mm  
Layoutempfehlung siehe 225321

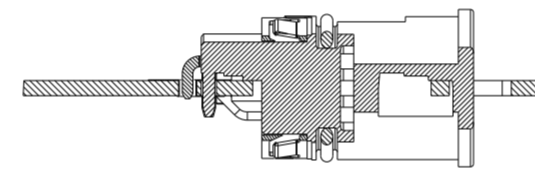
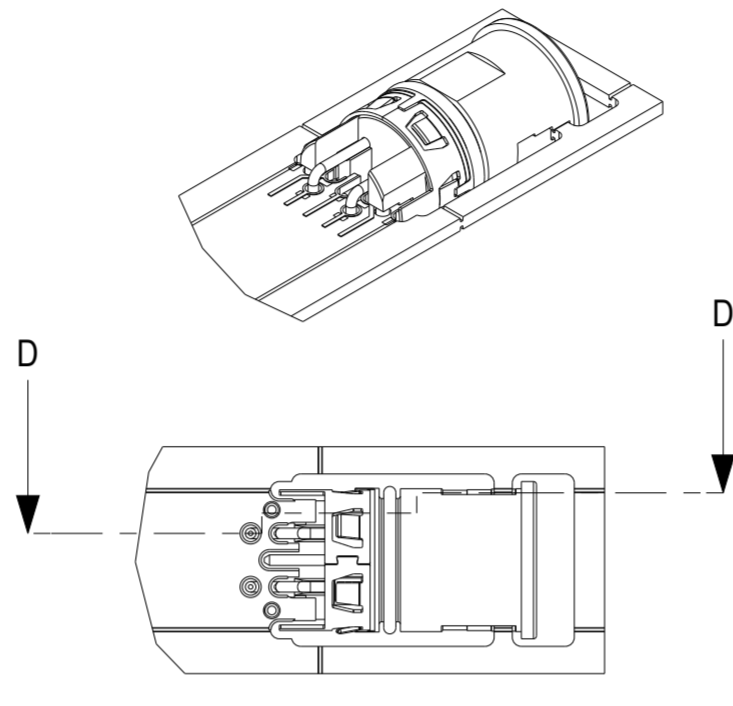
PCB thickness 1,6 mm  
For recommended dims see 225321



SCHNITT D-D  
SECTION D-D

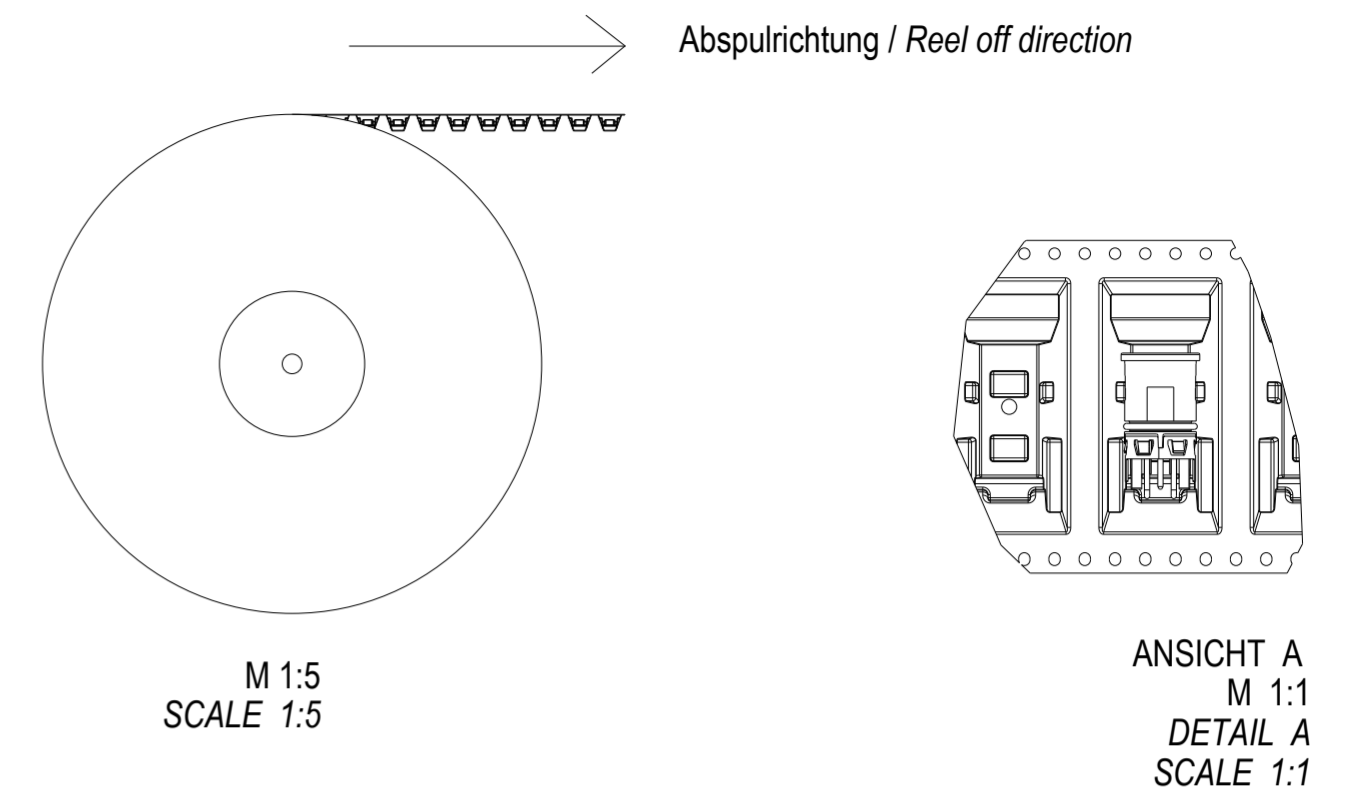
Leiterplattendicke 1 mm  
Layoutempfehlung siehe 225321

PCB thickness 1 mm  
For recommended dims see 225321



SCHNITT D-D  
SECTION D-D

Verpackung / Packaging tape and reel (T&R)



SIEHE ANSICHT A  
SEE DETAIL A

VPE: 250 Stück  
PU: 250 pcs.

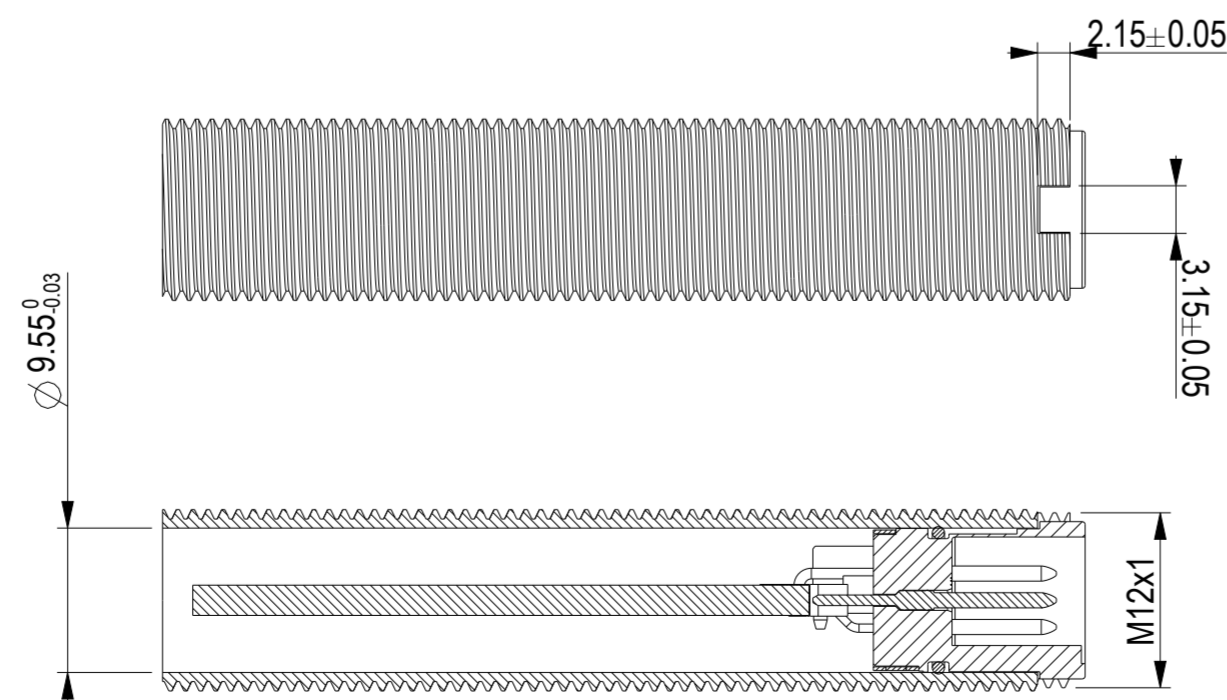
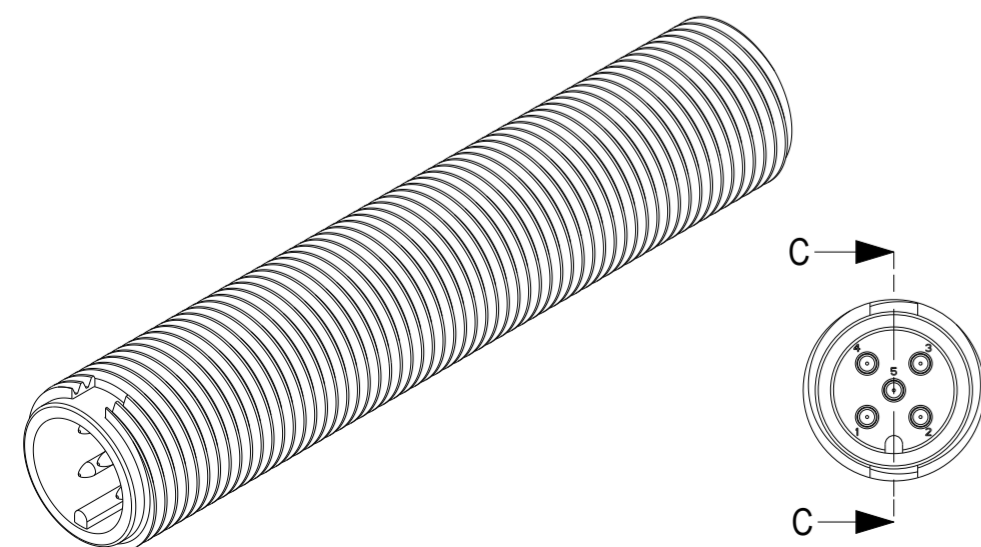
Technische Daten siehe Document 225407  
Technical data see document 225407

Anwendungsbeispiel / Application example

Hinweise:  
Für den O-Ring ist eine Einführschräge vorzusehen! Zur Verringerung der Montagekräfte den O-Ring oder das Gehäuse ggf. befeuchten.  
Je nach Lötverfahren oder Lötanlage kann es notwendig sein den O-Ring erst nach dem Löten zu montieren.

Note:  
For the O-ring there has to be a smooth chamfer at the housing!  
For reduction of assembly force grease for O-ring or housing can be used if applicable.  
Dependent on soldering process or solder machines there can be a need to attach the O-ring after soldering.

Version mit Verdrehsschutz  
Version with torque ribs



SCHNITT C-C  
M 2:1  
SECTION C-C  
SCALE 2:1

225242	2	no	no	yes	5	1,2,3,4,5	T&R	
225243	3	no	no	yes	4	1,2,3,4	T&R	
225245	4	no	no	yes	5	1,2,3,4,5v	T&R	Kontakt 5 vorellend Contact 5 early mate
225246	2	no	yes	yes	5	1,2,3,4,5	T&R	
225247	3	no	yes	yes	4	1,2,3,4	T&R	
225249	4	no	yes	yes	5	1,2,3,4,5v	T&R	Kontakt 5 vorellend Contact 5 early mate
225515	2	yes	no	yes	5	1,2,3,4,5	T&R	
225516	3	yes	no	yes	4	1,2,3,4	T&R	
225518	2	yes	yes	yes	5	1,2,3,4,5	T&R	
225519	3	yes	yes	yes	4	1,2,3,4	T&R	
Ident-Nr. Ident-No.	Zeichn. Blatt Drw. Sheet	Verdrehsschutz Antitwist option	Schirm Shield	O-ring O-ring	Polzahl No. pins	Kontakt Nr. Contact No.	Verpackung Packaging	Bemerkung Remarks

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Tolerances  
Scale 2:1  
All Dimensions in mm

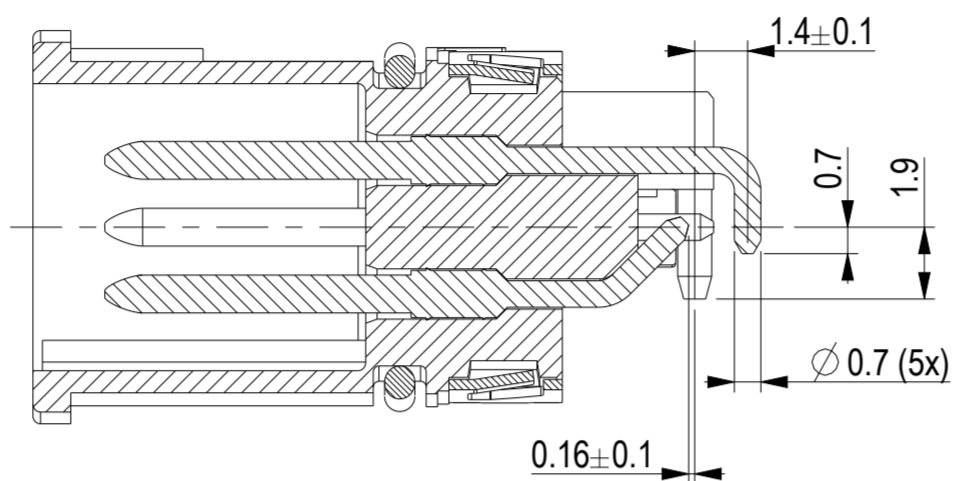
Subject to modification without prior notice.  
Drawing will not be updated.

ERNI www.ERNI.com

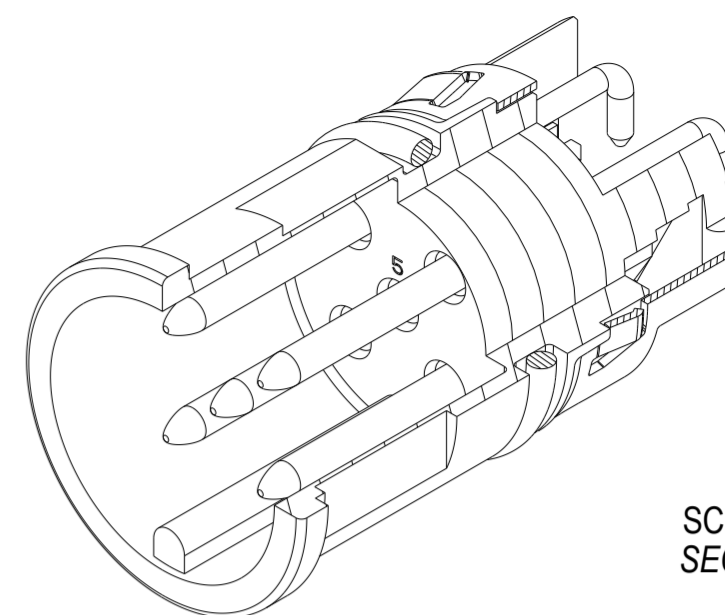
Designation alle Varianten / all versions  
**M12 90° M A THR Frontmontage**  
**M12 90° M A THR front mount**  
225250  
I  
(1 / 4)  
A2  
Class M12

Ident-Nr. <i>Ident-No.</i>	O-ring <i>O-ring</i>	Schirm <i>Shield</i>	Verdrehschutz <i>Antitwist option</i>	Verguß <i>Potting</i>
225242	yes 7.2x0.8	no	no	needed
225246	yes 7.2x0.8	yes	no	recommended
225515	yes 7.2x0.8	no	yes	not needed
225518	yes 7.2x0.8	yes	yes	not needed

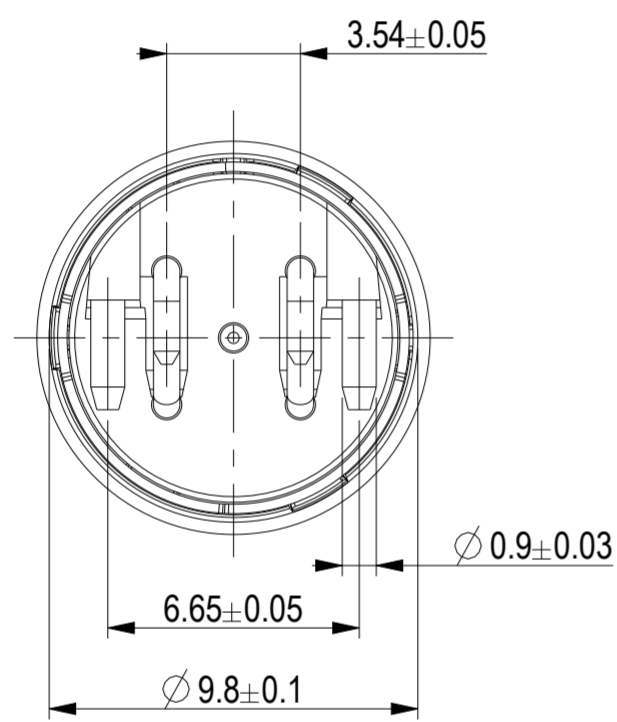
Darstellung mit Schirm und O-Ring  
*Drawn with shield and O-Ring*



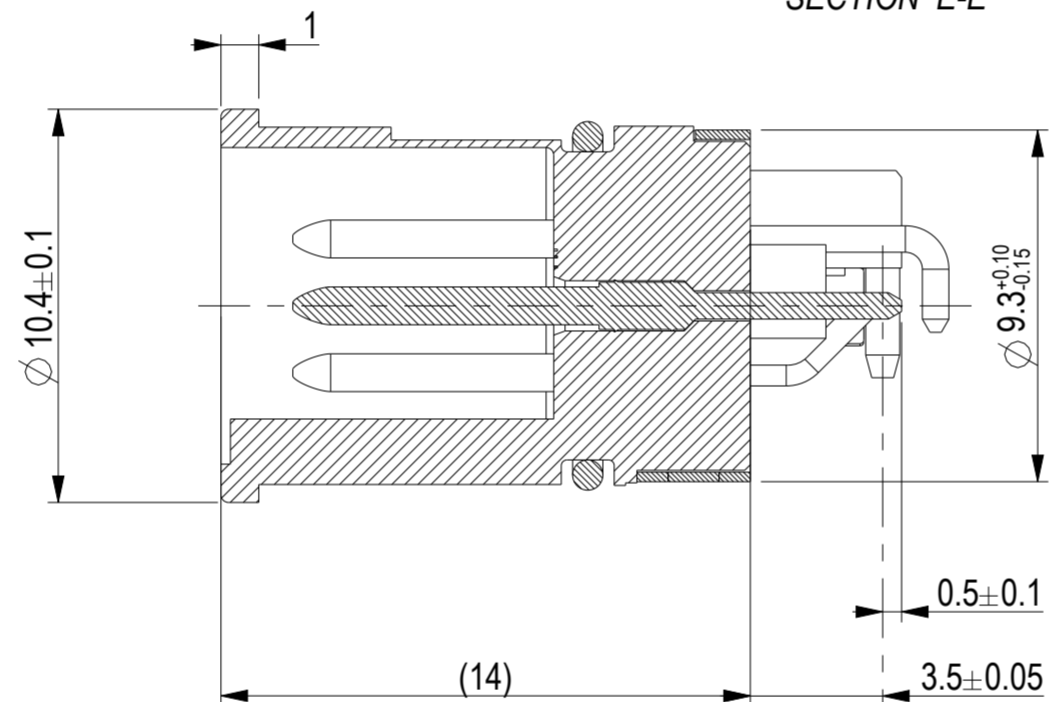
SCHNITT E-E  
SECTION E-E



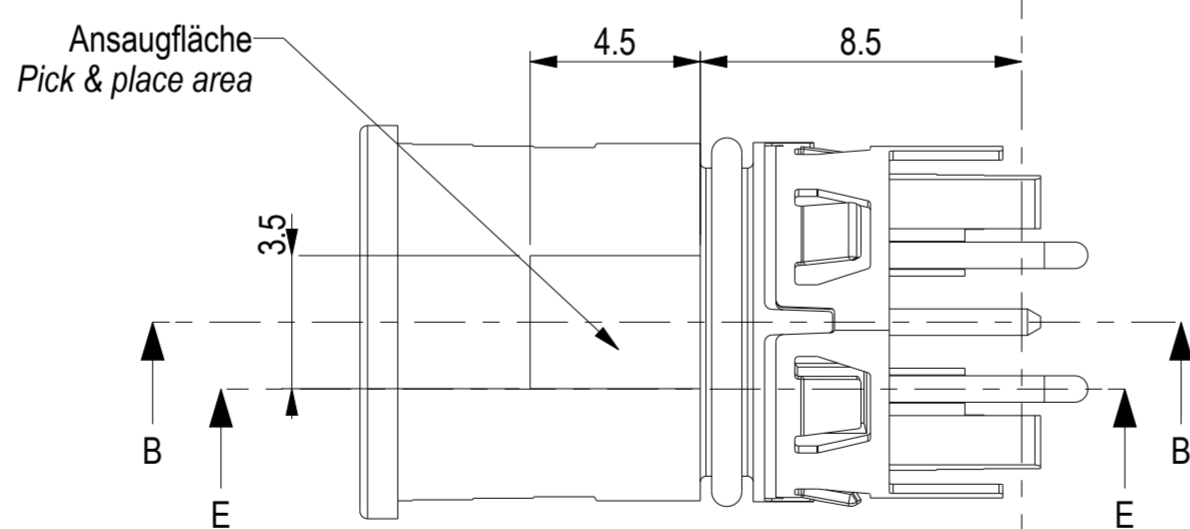
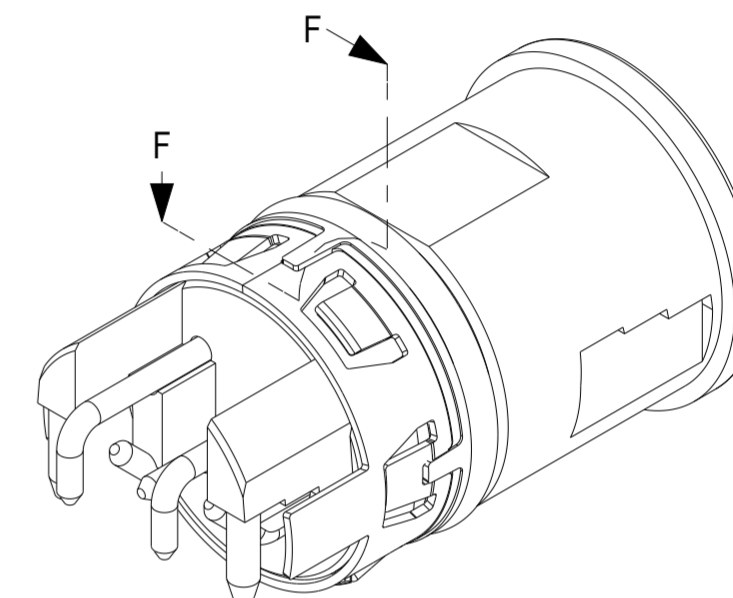
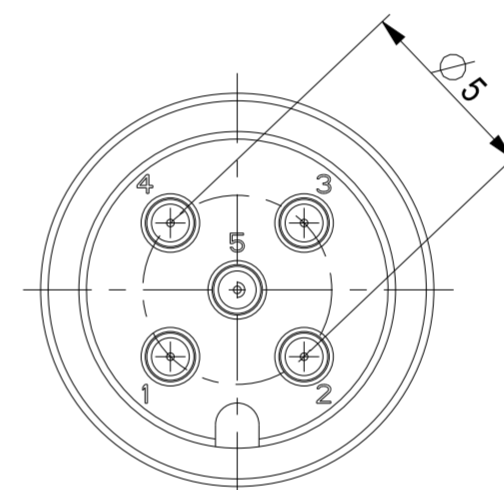
SCHNITT F-F  
SECTION F-F



Gemessen über Schirmkontakte  
*Measured over shield contacts*

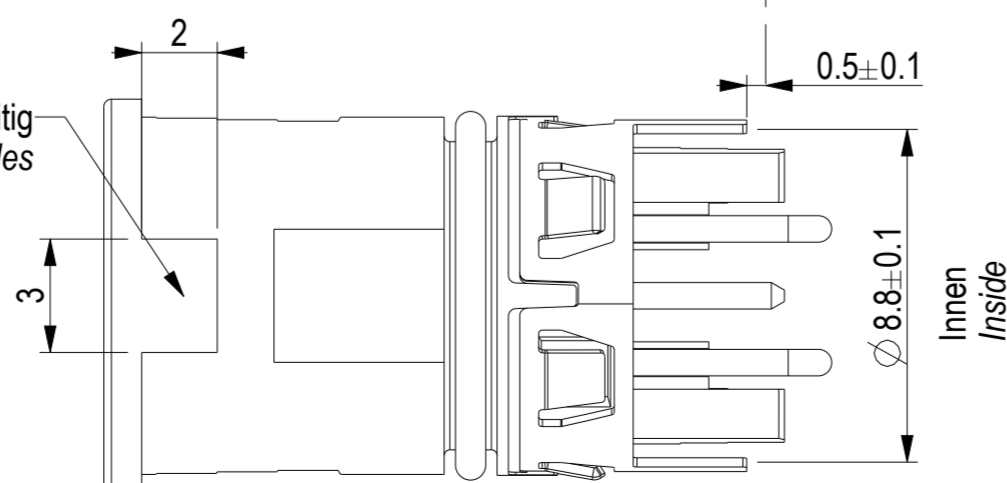


SCHNITT B-B  
SECTION B-B



Ansaugfläche  
*Pick & place area*

Verdrehschutz beidseitig  
*Antitwist option both sides*



Steckgesicht nach IEC 61076-2-101  
*Mating face acc. IEC 61076-2-101*

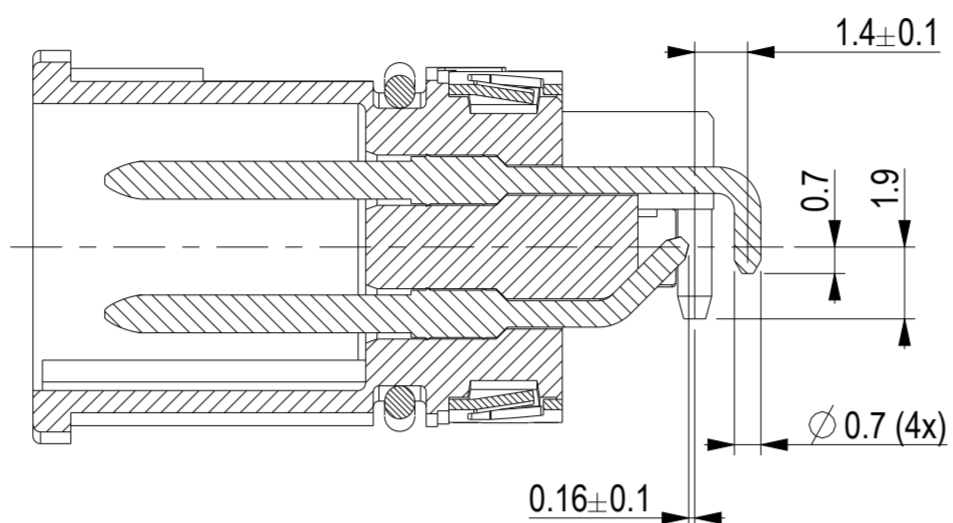
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Information		Tolerances	Scale	5:1
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Subject to modification without prior notice. Drawing will not be updated.			5 polige Version / 5 pin version <b>M12 90° M A THR Frontmontage</b> <b>M12 90° M A THR front mount</b>	
www.ERNI.com		225250		I (2 / 4) A2
B Index	06.10.17 Date	Class		M12

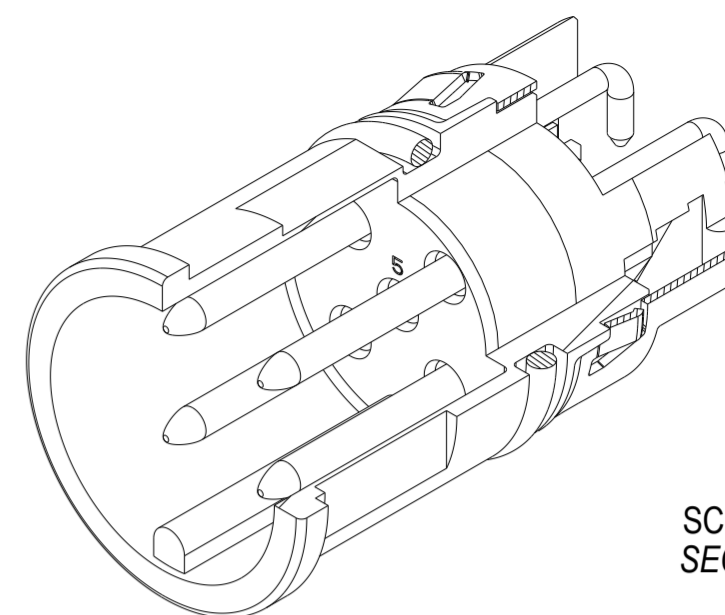
Handschriftliche Änderungen auf CAD Zeichnungen sind nicht zulässig!

Ident-Nr. <i>Ident-No.</i>	O-ring <i>O-ring</i>	Schirm <i>Shield</i>	Verdrehschutz <i>Antitwist option</i>	Verguß <i>Potting</i>
225243	yes 7.2x0.8	no	no	needed
225247	yes 7.2x0.8	yes	no	recommended
225516	yes 7.2x0.8	no	yes	not needed
225519	yes 7.2x0.8	yes	yes	not needed

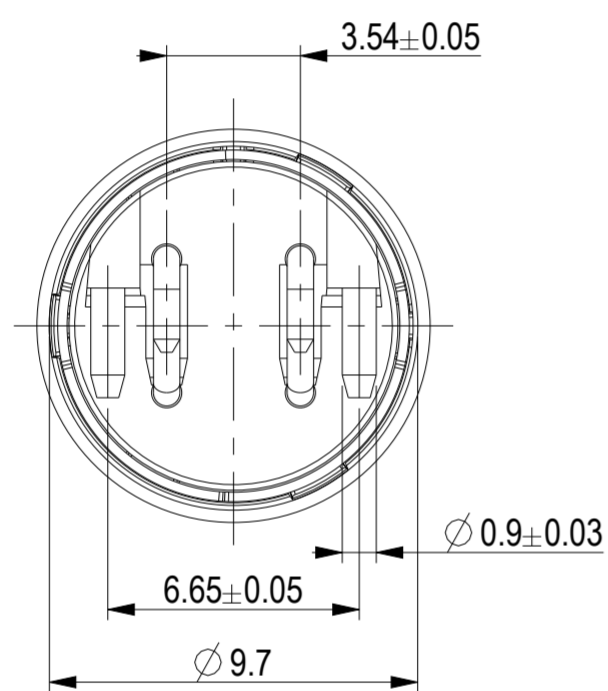
Darstellung mit Schirm und O-Ring  
*Drawn with shield and O-ring*



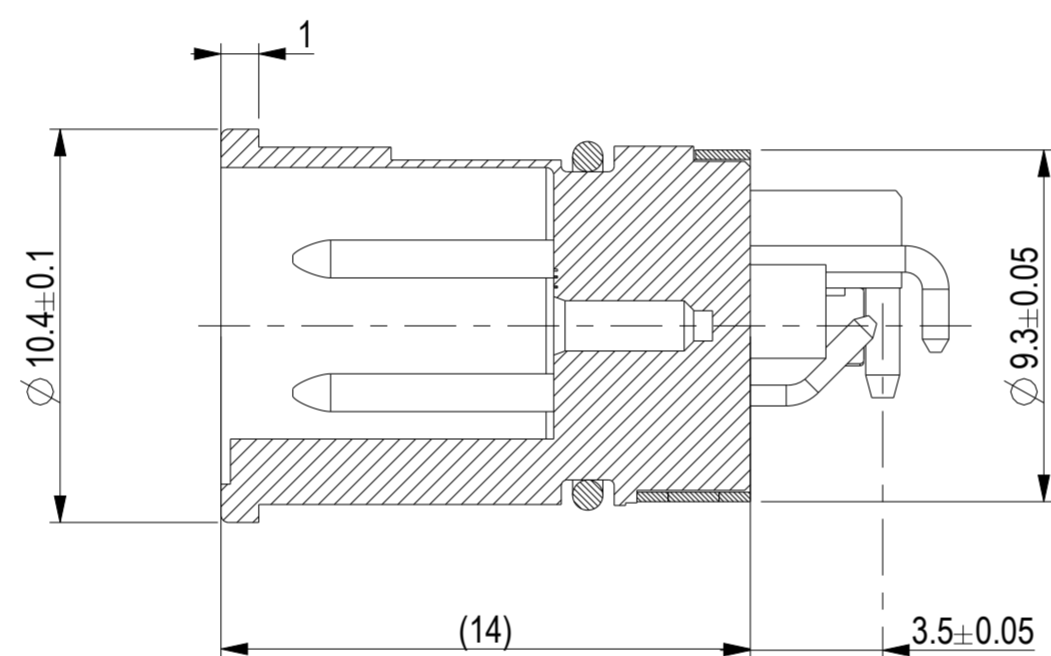
SCHNITT E-E  
*SECTION E-E*



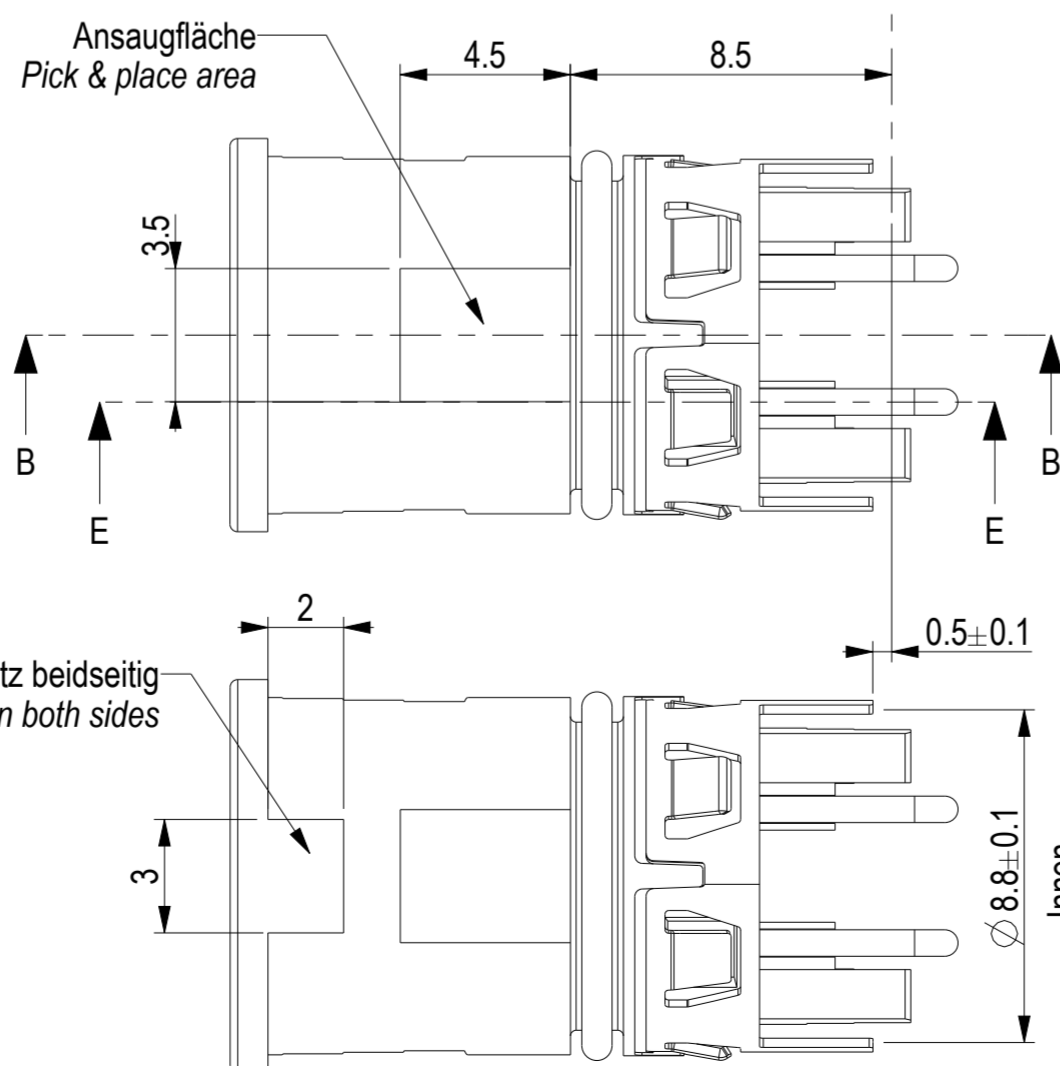
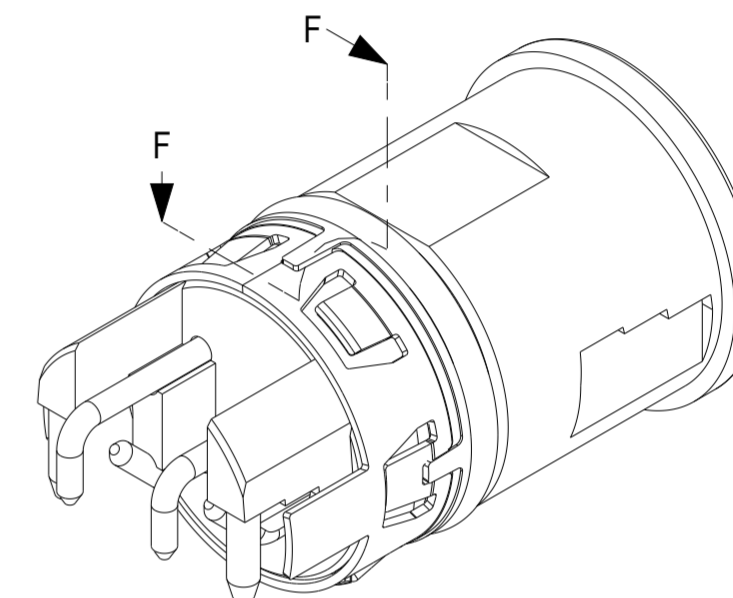
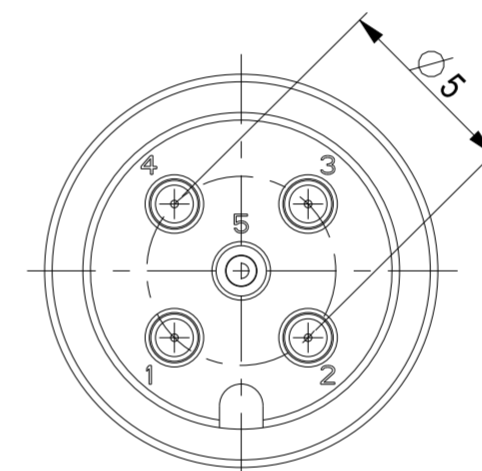
SCHNITT F-F  
*SECTION F-F*



Gemessen über Schirmkontakte  
*Measured over shield contacts*



SCHNITT B-B  
*SECTION B-B*



Verdrehschutz beidseitig  
*Antitwist option both sides*

Steckgesicht nach IEC 61076-2-101  
*Mating face acc. IEC 61076-2-101*

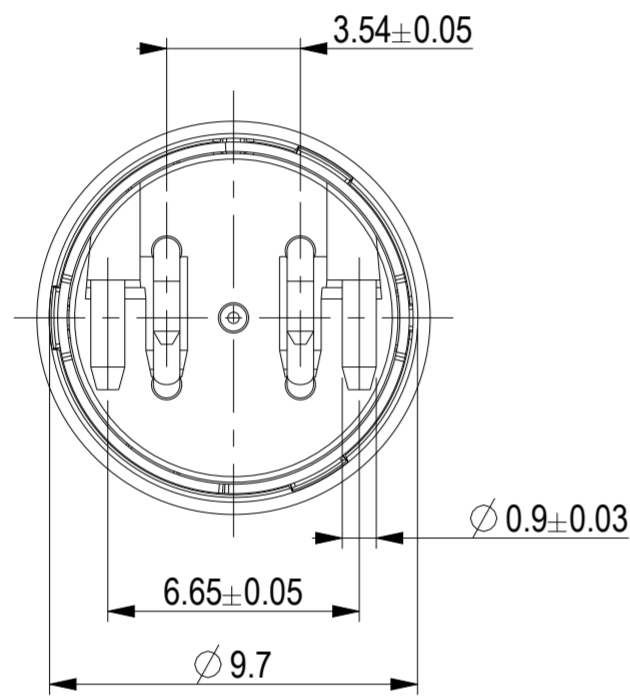
Handschriftliche Änderungen auf  
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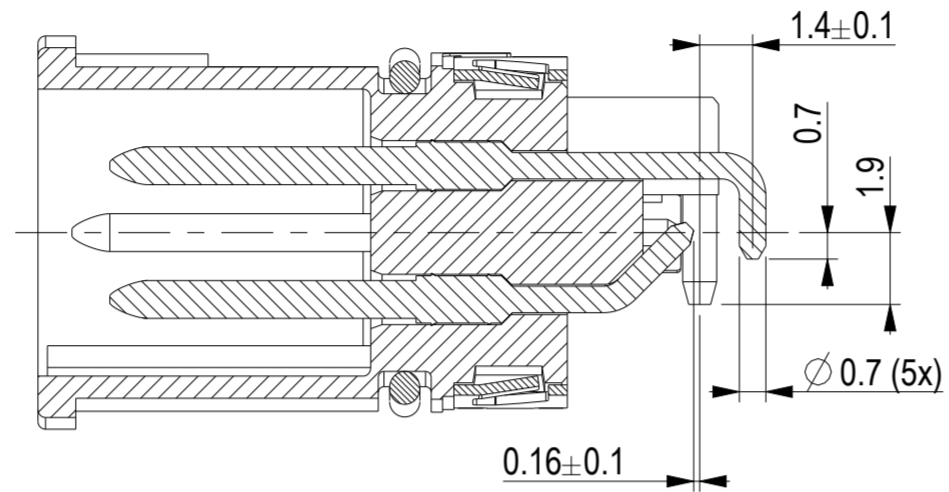
Information		Tolerances	Scale	5:1
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Subject to modification without prior notice. Drawing will not be updated.			4 polige Version / 4 pin version <b>M12 90° M A THR Frontmontage</b> <b>M12 90° M A THR front mount</b>	
www.ERNI.com		<b>225250</b>		<b>I</b> (3 / 4) <b>A2</b>
B	06.10.17	Class		M12
Index	Date			

Ident-Nr. Ident-No.	O-ring O-ring	Schirm Shield	Verdrehschutz Antitwist option	Verguß Potting
225245	yes 7.2x0.8	no	no	needed
225249	yes 7.2x0.8	yes	no	recommended

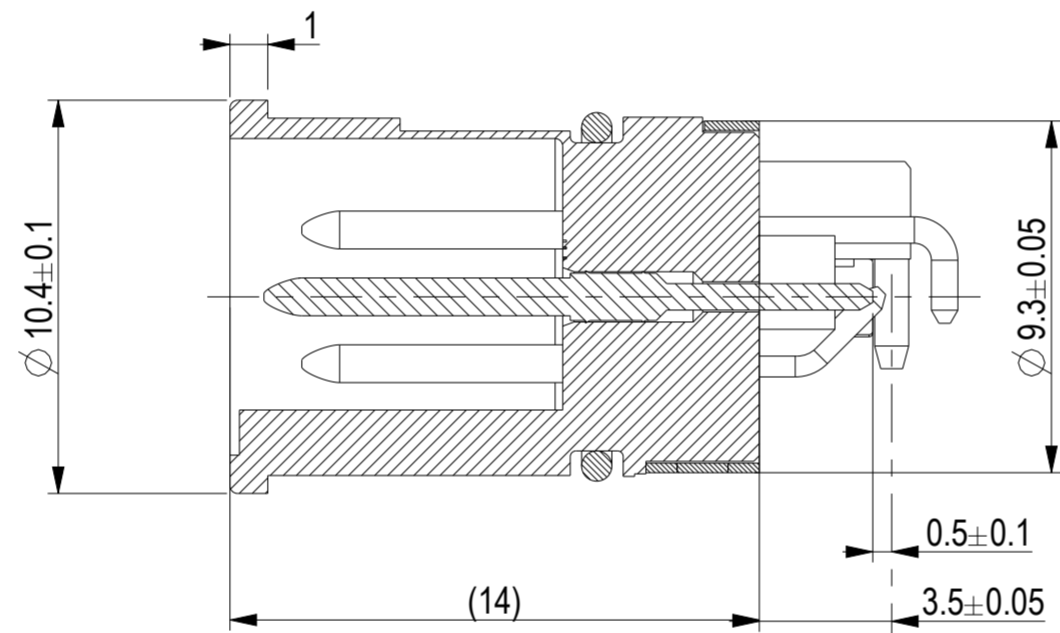
Darstellung mit Schirm und O-Ring  
Drawn with shield and O-ring



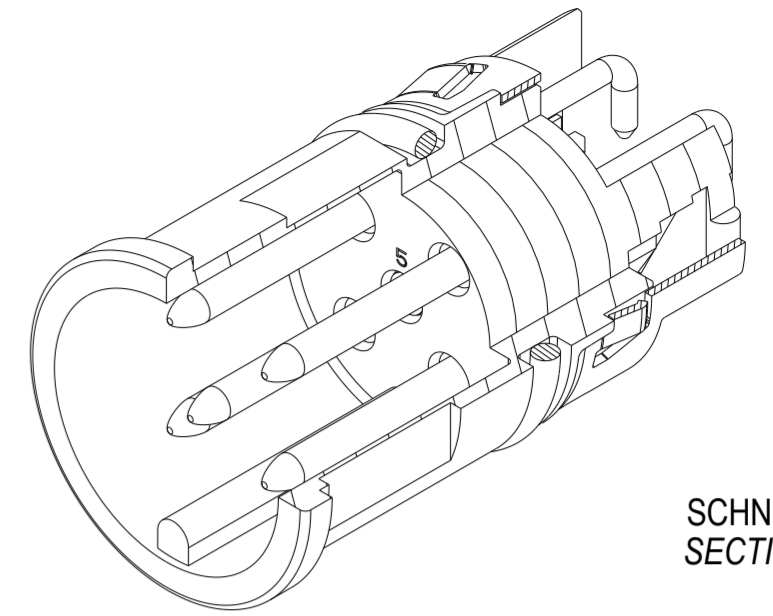
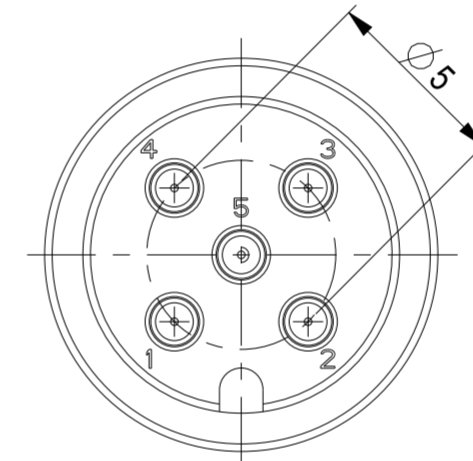
Gemessen über Schirmkontakte  
Measured over shield contacts



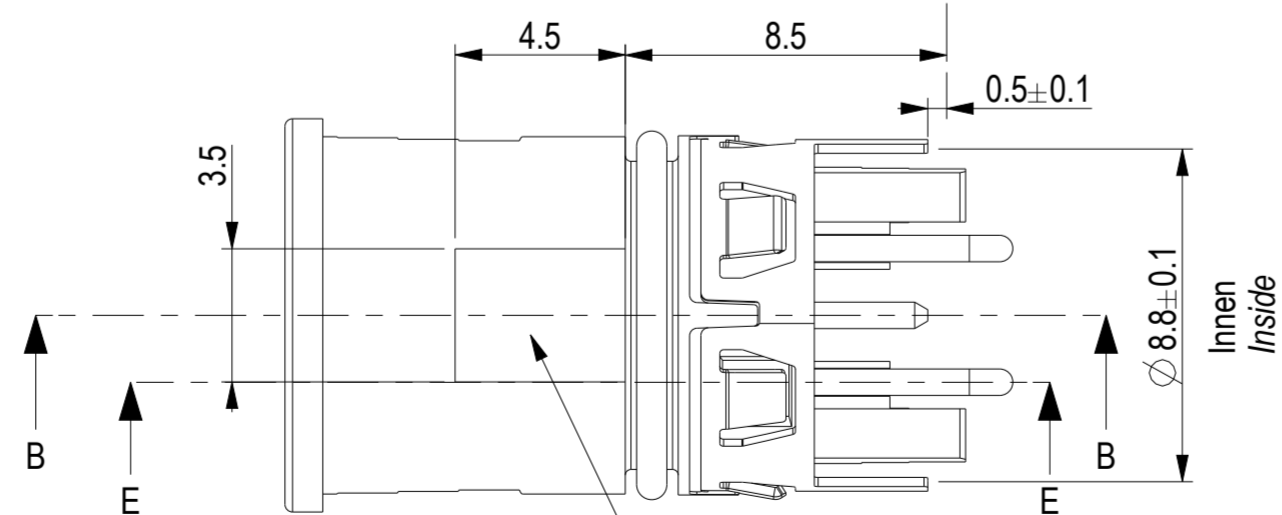
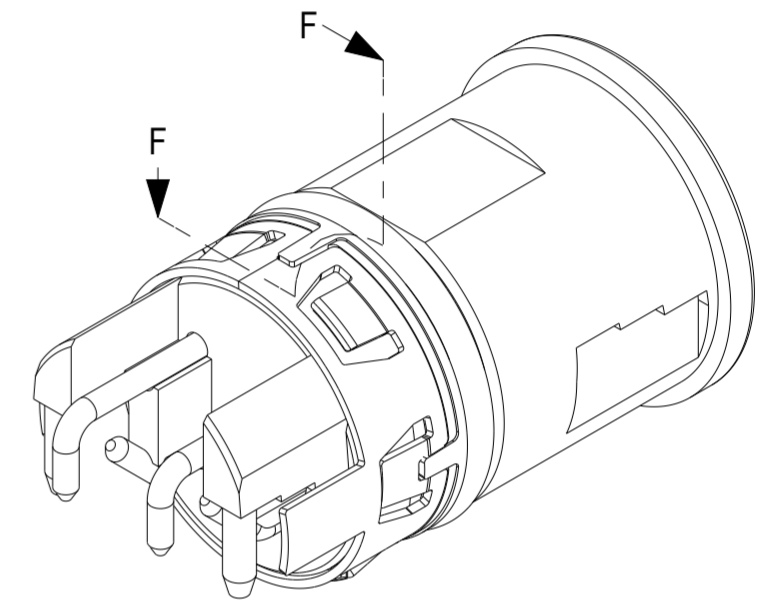
SCHNITT E-E  
SECTION E-E



SCHNITT B-B  
SECTION B-B



SCHNITT F-F  
SECTION F-F



Ansaugfläche  
Pick & place area

Steckgesicht nach IEC 61076-2-101  
Mating face acc. IEC 61076-2-101

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Information	Tolerances	Scale	5:1
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			225250
B Index	06.10.17 Date	www.ERNI.com	I (4 / 4) A2
Class			M12

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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.