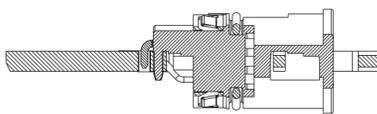
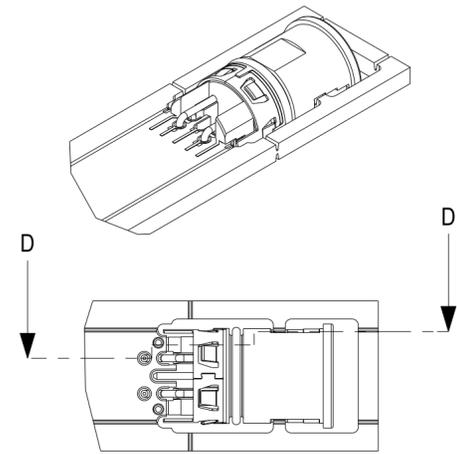


Leiterplatten Optionen / PCB options

Leiterplattendicke 2 mm  
Layoutempfehlung siehe 225321

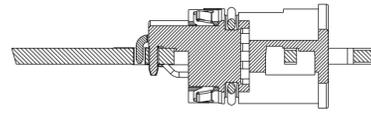
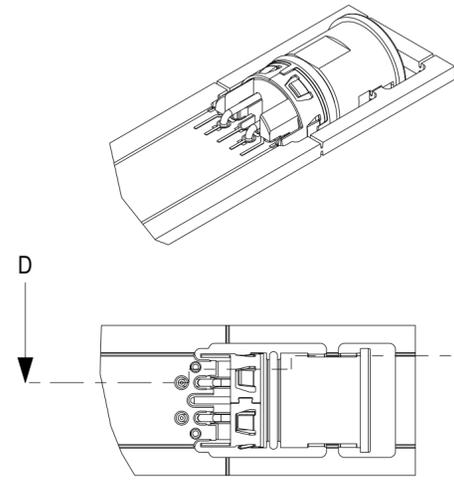
PCB thickness 2 mm  
For recommended dims see 225321



SCHNITT D-D  
SECTION D-D

Leiterplattendicke 1,6 mm  
Layoutempfehlung siehe 225321

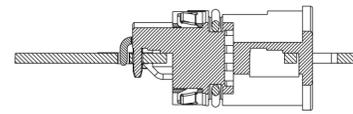
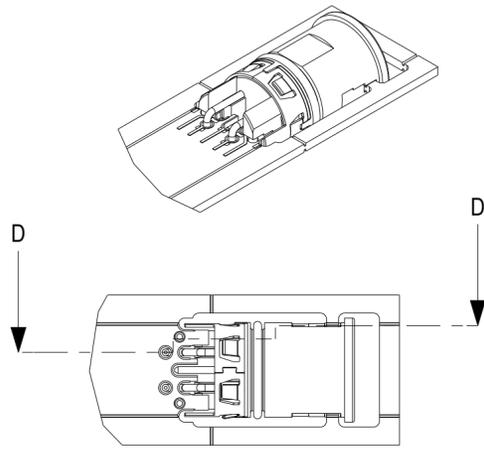
PCB thickness 1,6 mm  
For recommended dims see 225321



SCHNITT D-D  
SECTION D-D

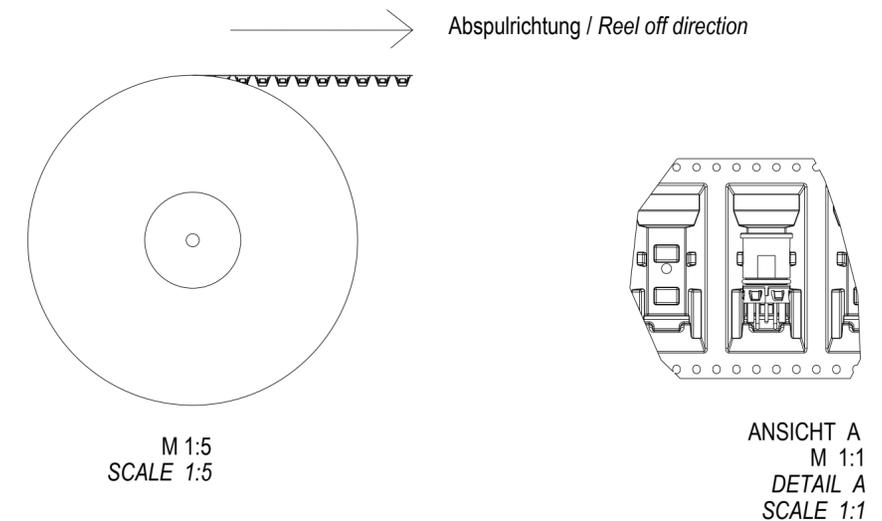
Leiterplattendicke 1 mm  
Layoutempfehlung siehe 225321

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.

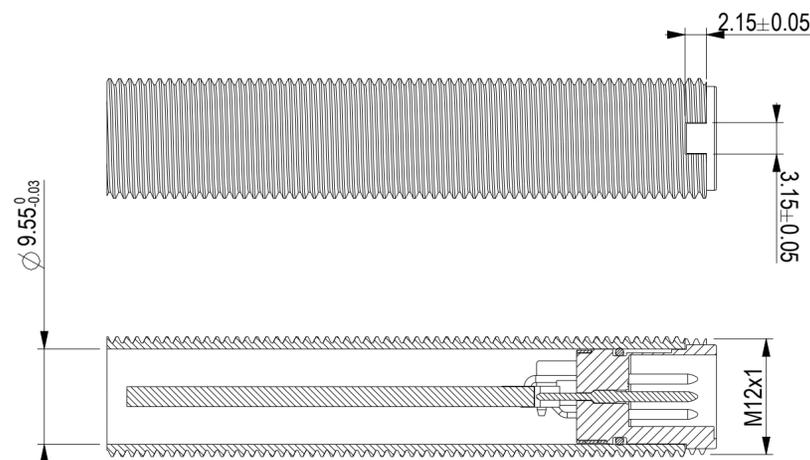
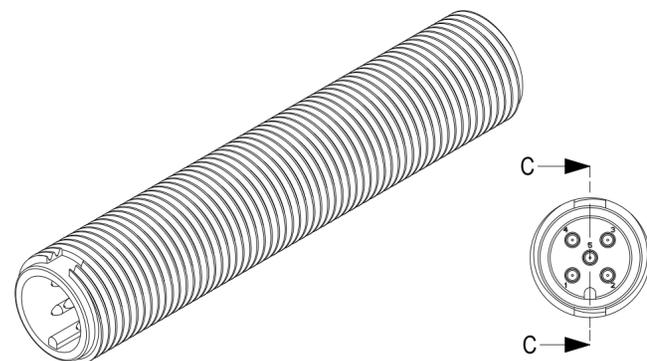
Technische Daten siehe Document 225407  
Technical data see document 225407

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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Information  
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Tolerances  
Scale 2:1  
All Dimensions in mm

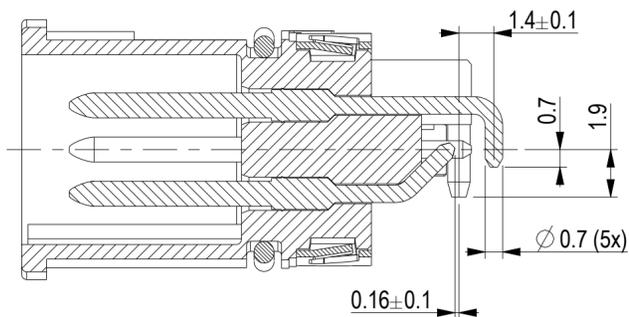
Subject to modification without prior notice.  
Drawing will not be updated.

ERNI www.ERNI.com

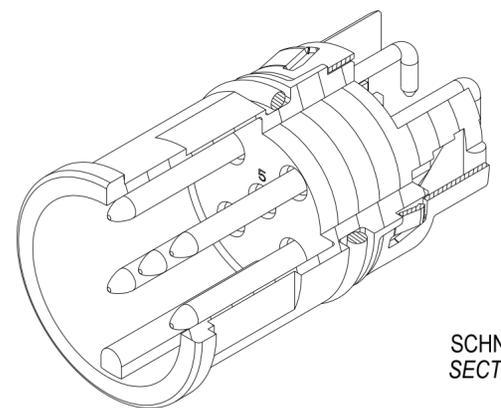
Designation  
alle Varianten / all versions  
**M12 90° M A THR Frontmontage**  
**M12 90° M A THR front mount**  
225250  
I  
(1 / 4)  
A2  
Class M12

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

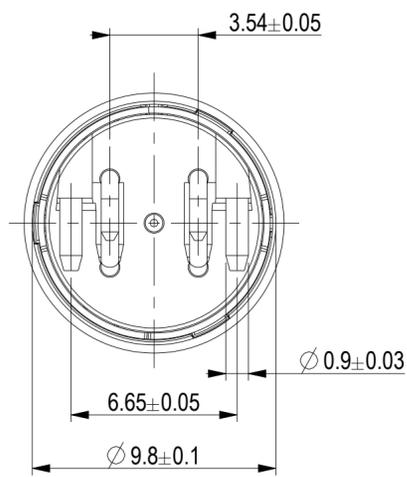
Darstellung mit Schirm und O-Ring  
*Drawn with shield and O-Ring*



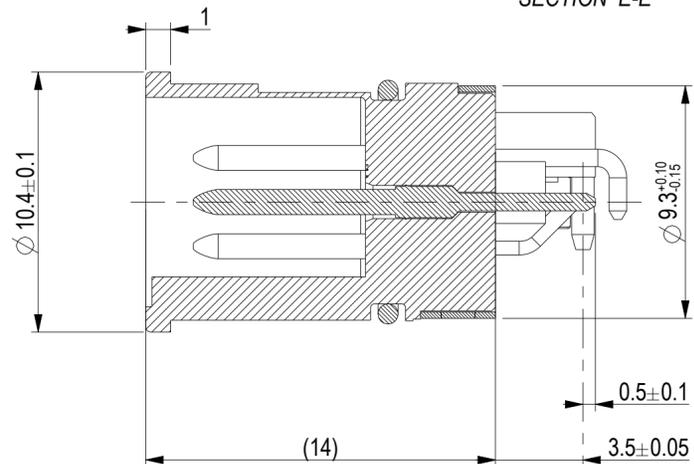
SCHNITT E-E  
SECTION E-E



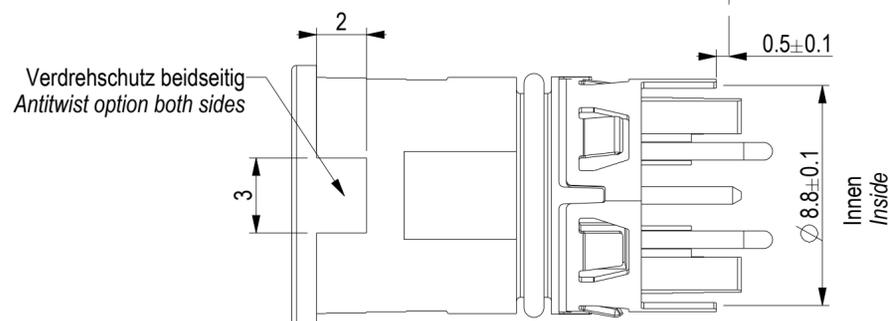
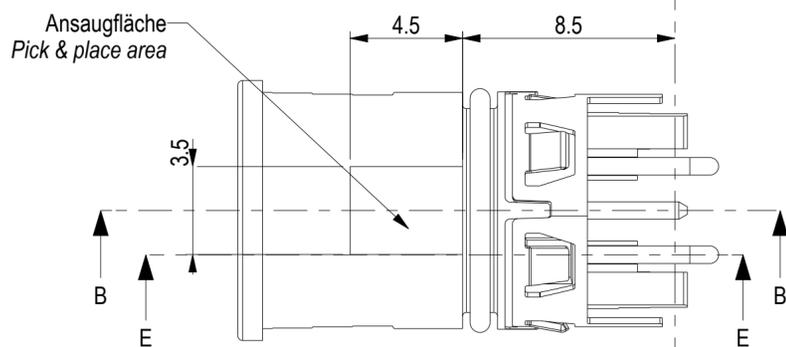
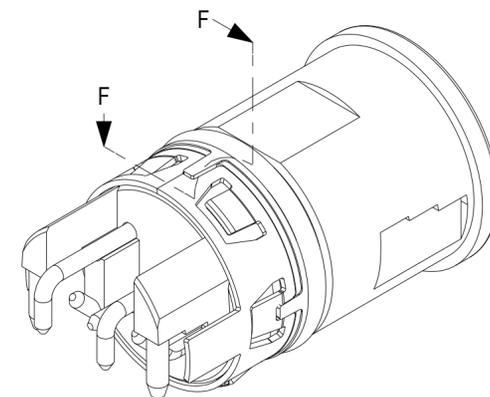
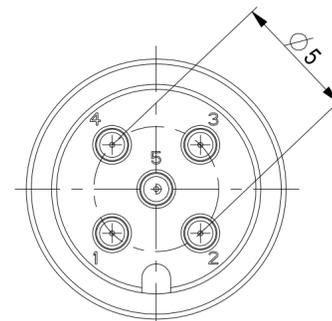
SCHNITT F-F  
SECTION F-F



Gemessen über Schirmkontakte  
*Measured over shield contacts*



SCHNITT B-B  
SECTION B-B



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

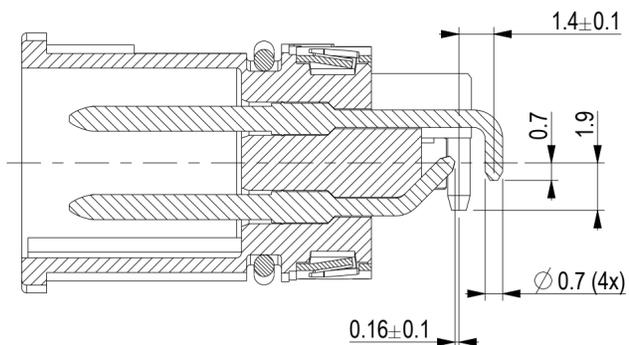
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Information		Tolerances	Scale	5:1
All rights reserved. Only for information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.		 All Dimensions in mm	Designation	
Subject to modification 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		<b>225250</b>		I (2 / 4) A2
Index	Date	Class		M12

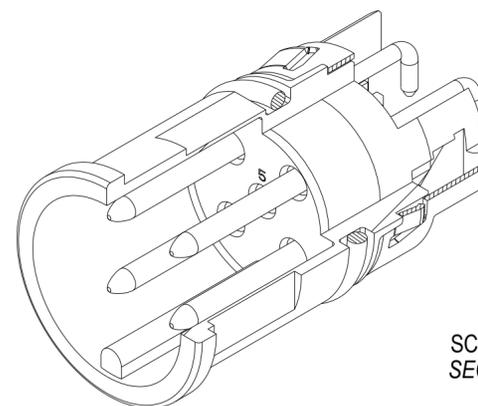
Handschriftliche Änderungen auf CAD Zeichnungen sind nicht zulässig!

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

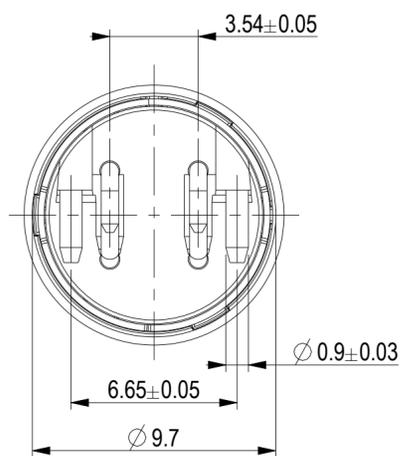
Darstellung mit Schirm und O-Ring  
*Drawn with shield and O-ring*



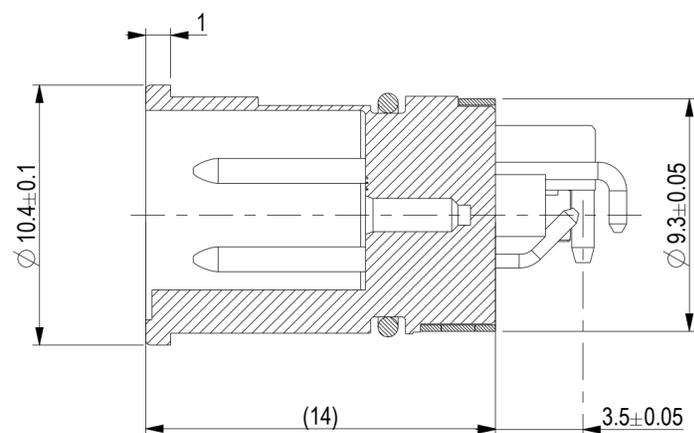
SCHNITT E-E  
SECTION E-E



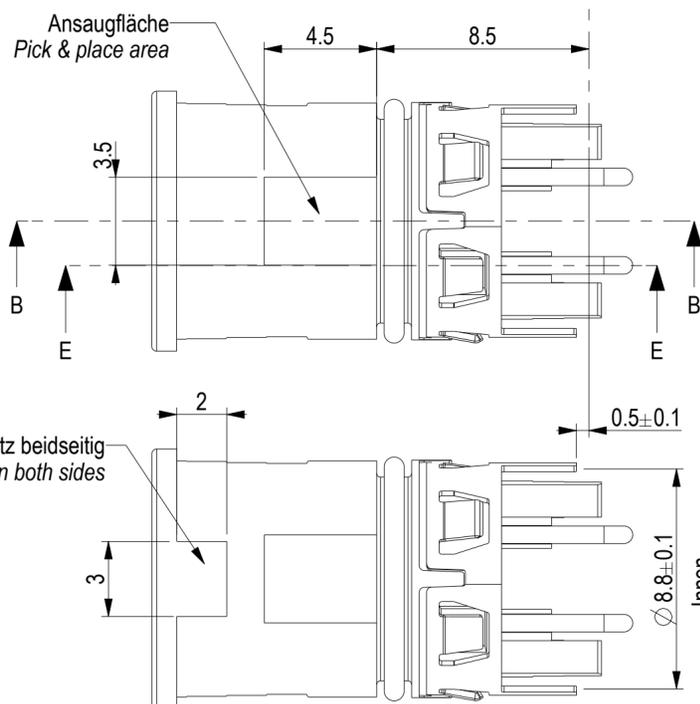
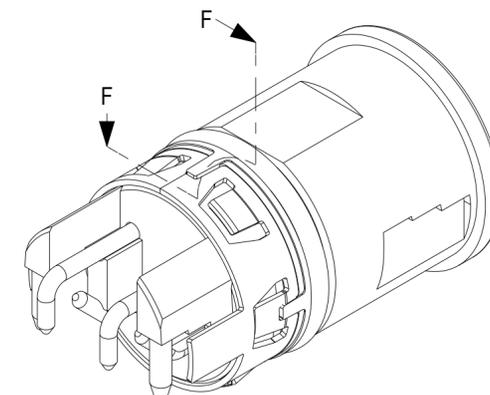
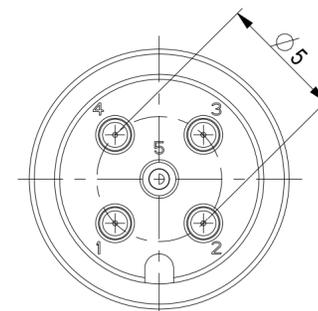
SCHNITT F-F  
SECTION F-F



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*

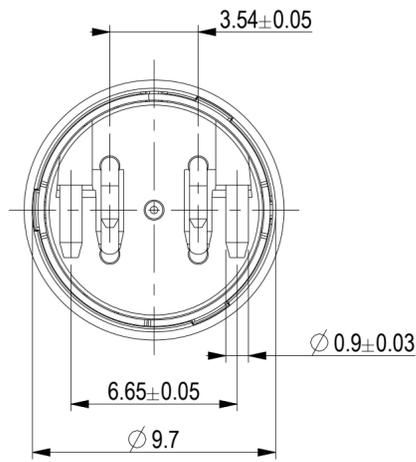
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Information		Tolerances	Scale	5:1
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Subject to modification without prior notice. Drawing will not be updated.			4 polige Version / 4 pin version <b>M12 90° M A THR Frontmontage</b> <b>M12 90° M A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

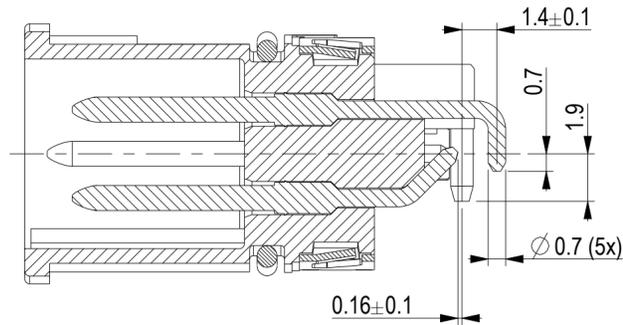
Handschriftliche Änderungen auf  
CAD Zeichnungen sind nicht zulässig!

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

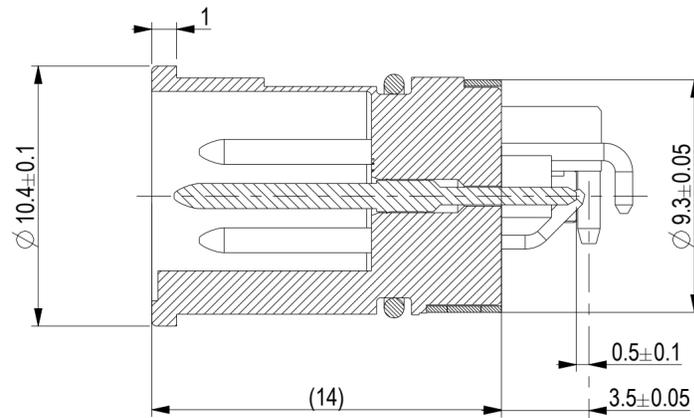
Darstellung mit Schirm und O-Ring  
Drawn with shield and O-ring



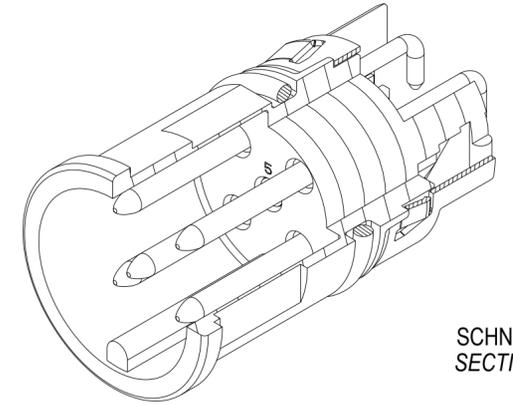
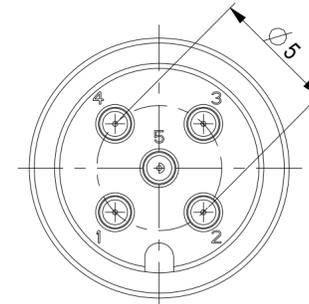
Gemessen über Schirmkontakte  
Measured over shield contacts



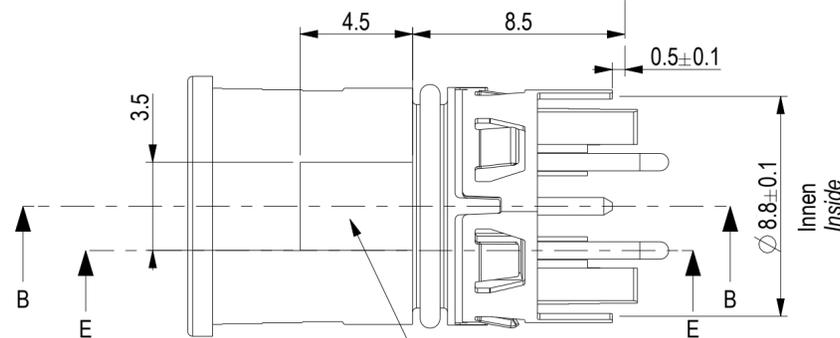
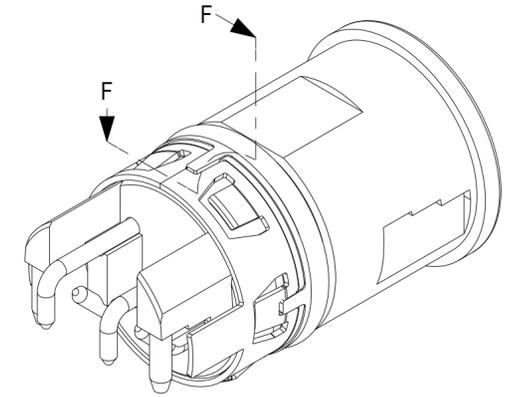
SCHNITT E-E  
SECTION E-E



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

Information		Tolerances	Scale 5:1
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ERNI www.ERNI.com		M12 90° M A THR Frontmontage M12 90° M A THR front mount	
B	06.10.17	225250	I (4 / 4)
Index	Date	Class	A2
			M12