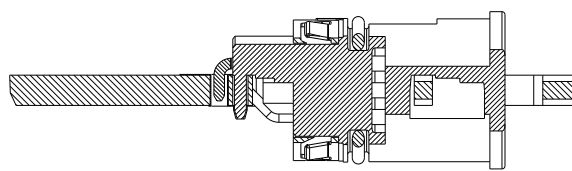
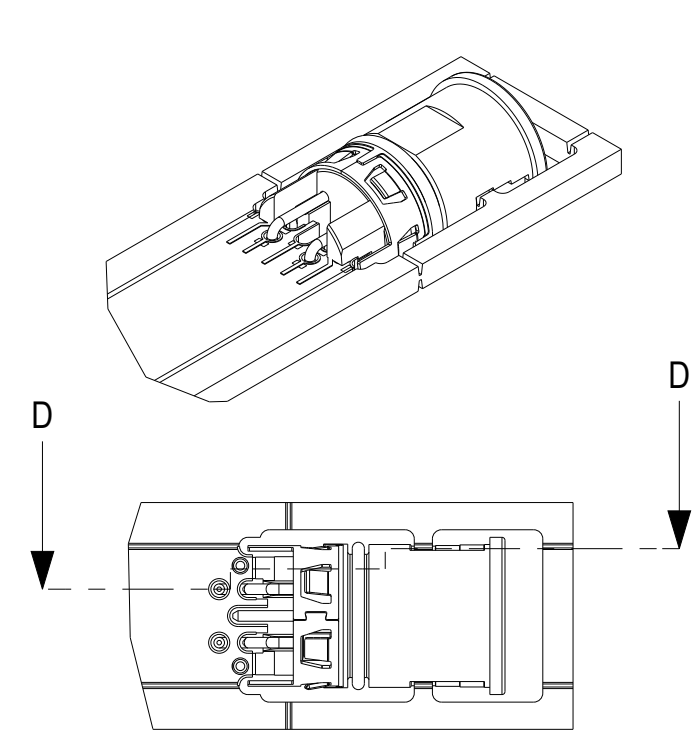


Leiterplatten Optionen / PCB options

Leiterplattendicke 2 mm
Layoutempfehlung siehe 225321

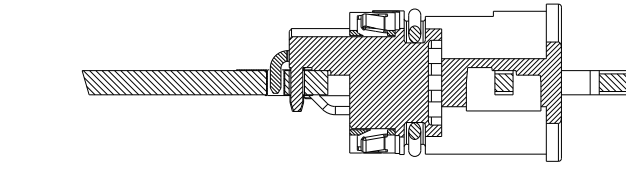
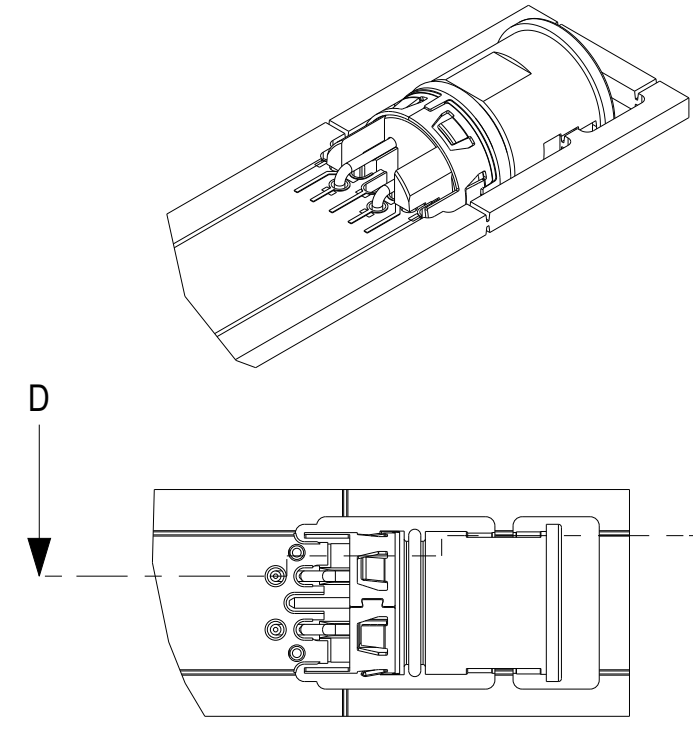
PCB thickness 2 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

Leiterplattendicke 1,6 mm
Layoutempfehlung siehe 225321

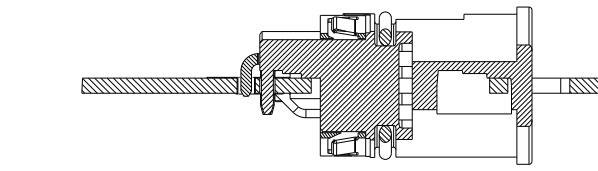
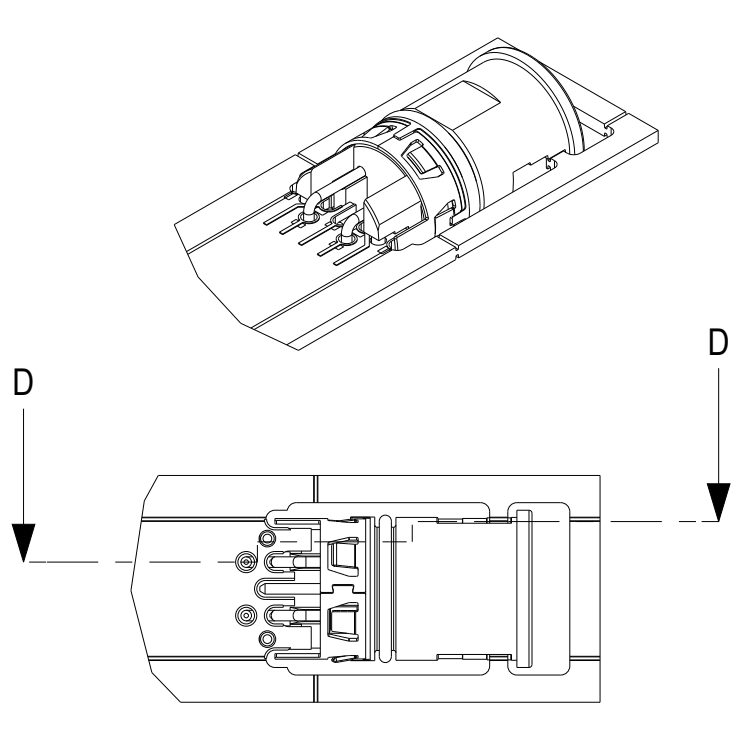
PCB thickness 1,6 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

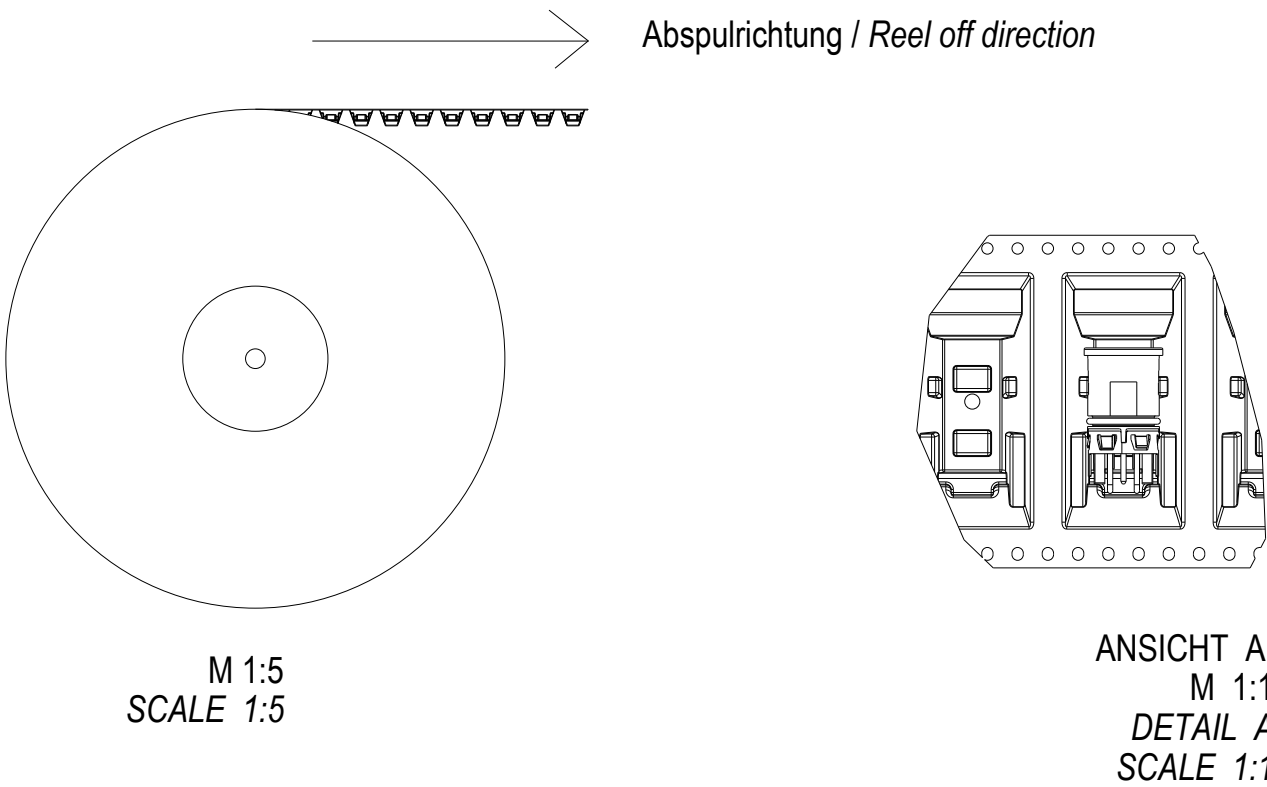
Leiterplattendicke 1 mm
Layoutempfehlung siehe 225321

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.

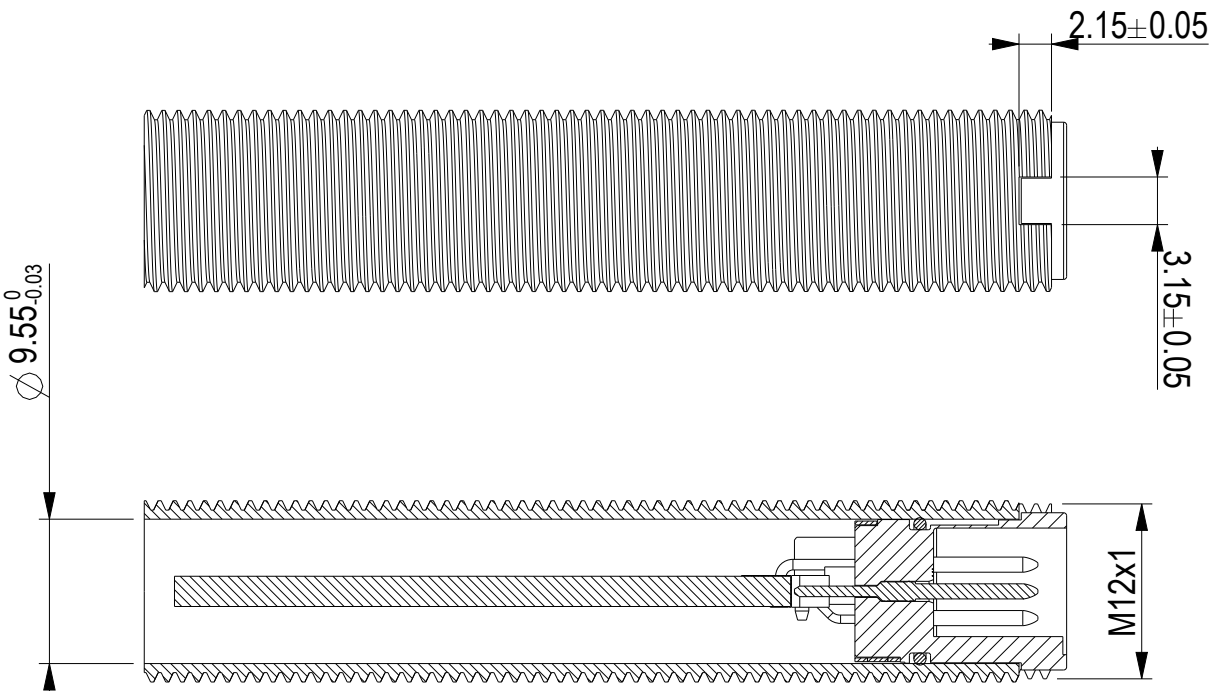
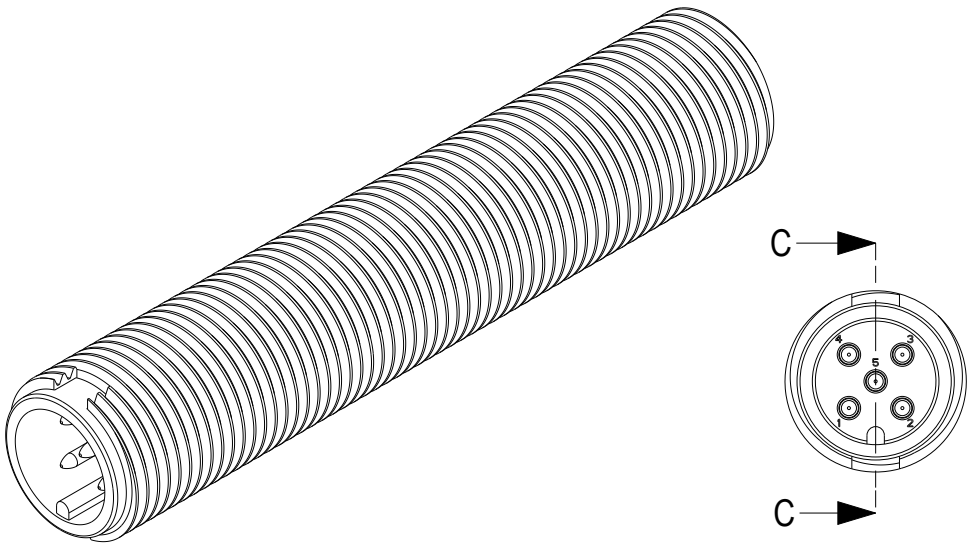
Technische Daten siehe Document 225407
Technical data see document 225407

Anwendungsbeispiel / Application example

Hinweise:
Für den O-Ring ist eine Einführschräge vorzusehen! Zur Verringerung der Montagekräfte den O-Ring oder das Gehäuse ggf. befetten.
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 Verdrehenschutz
Version with torque ribs



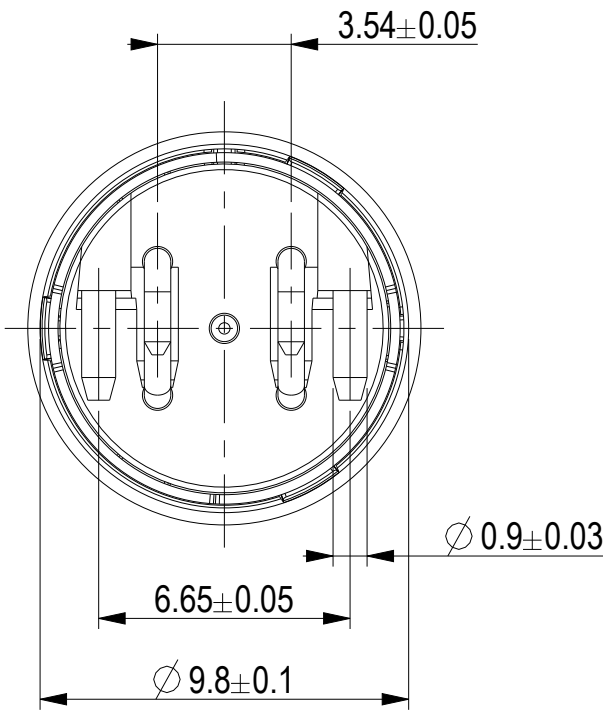
SCHNITT C-C
M 2:1
SECTION C-C
SCALE 2:1

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	Verdrehenschutz Antitwist option	Schirm Shield	O-ring O-ring	Polzahl No. pins	Kontakt Nr. Contact No.	Verpackung Packaging	Bemerkung Remarks

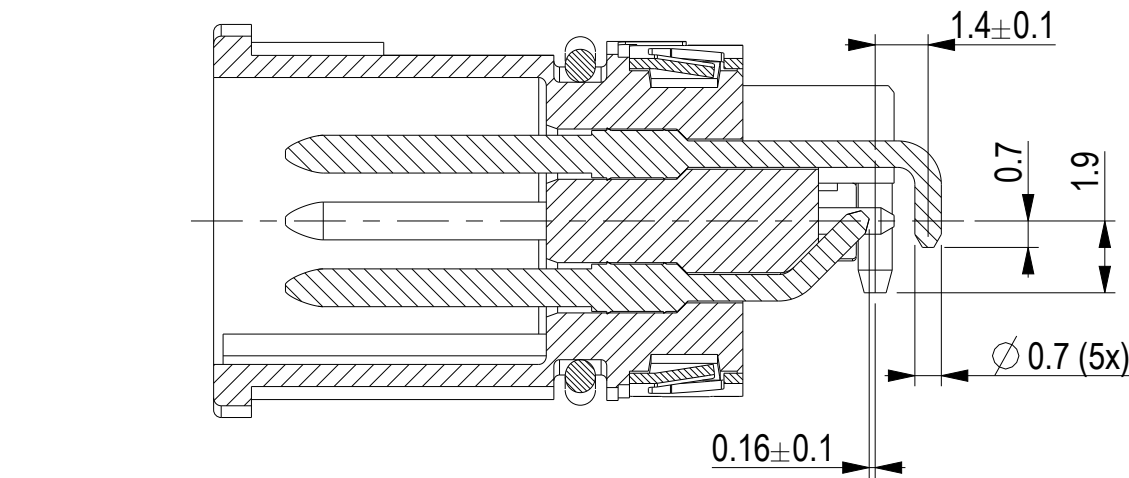
Information				Tolerances		 All Dimensions in mm		Scale 2:1			
All rights reserved. Only for information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.				Subject to modification without prior notice. Drawing will not be updated.		Designation <i>alle Varianten / all versions</i>					
						M12 90° M A THR Frontmontage <i>M12 90° M A THR front mount</i>					
B		06.10.17				www.ERNI.com		225250		I (1 / 4)	
Index		Date						Class		M12 A2	

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

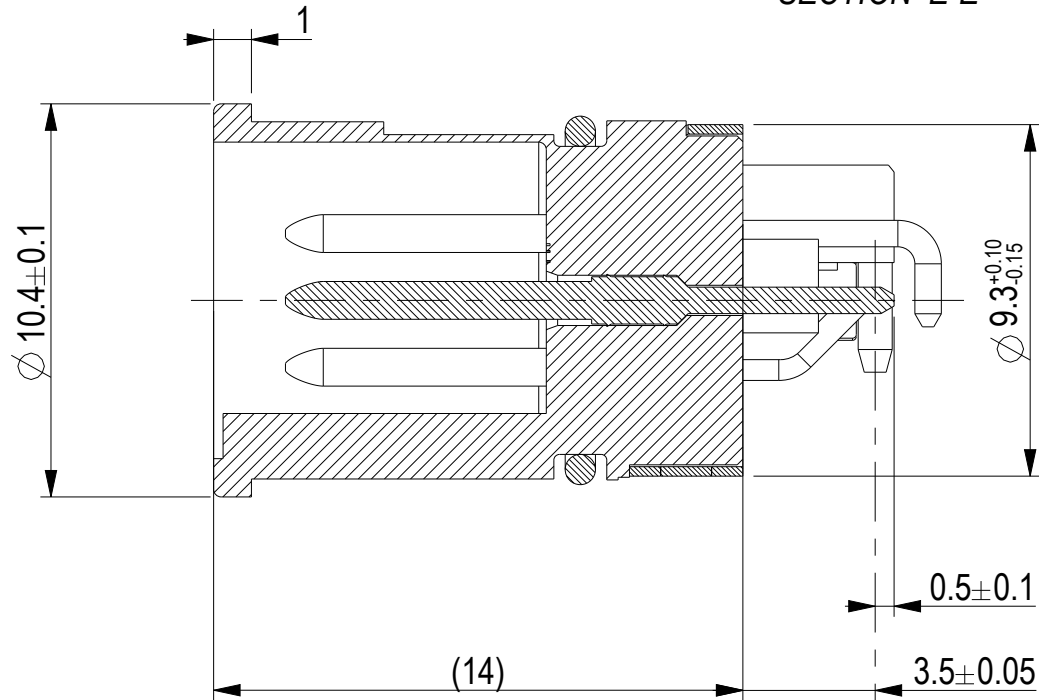
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring



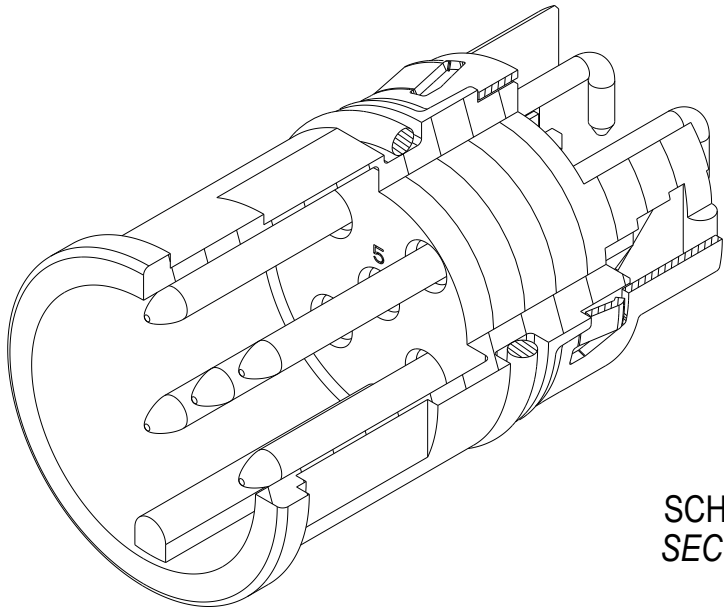
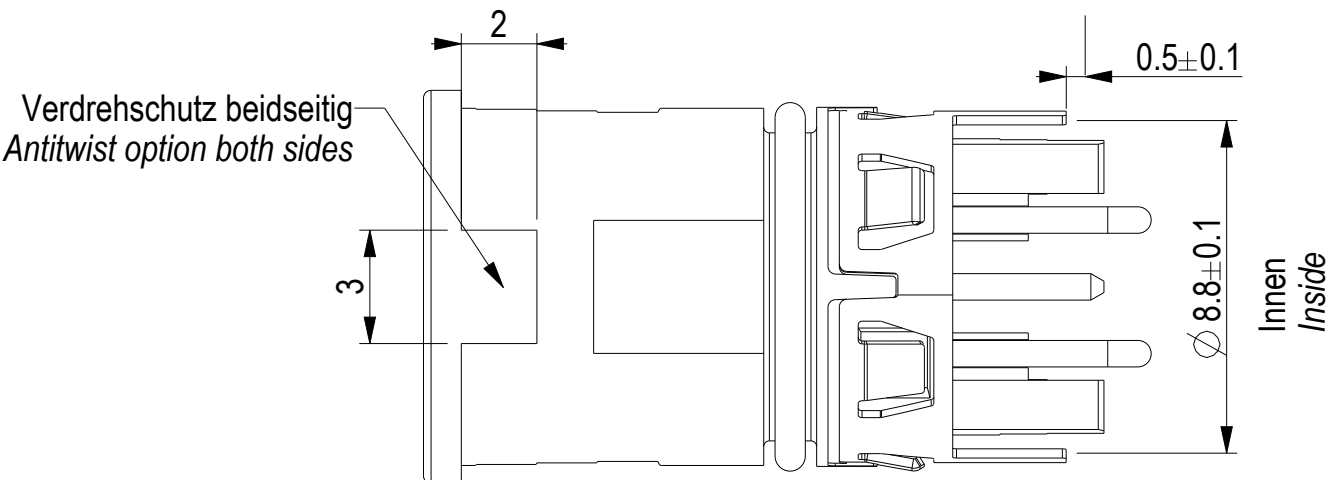
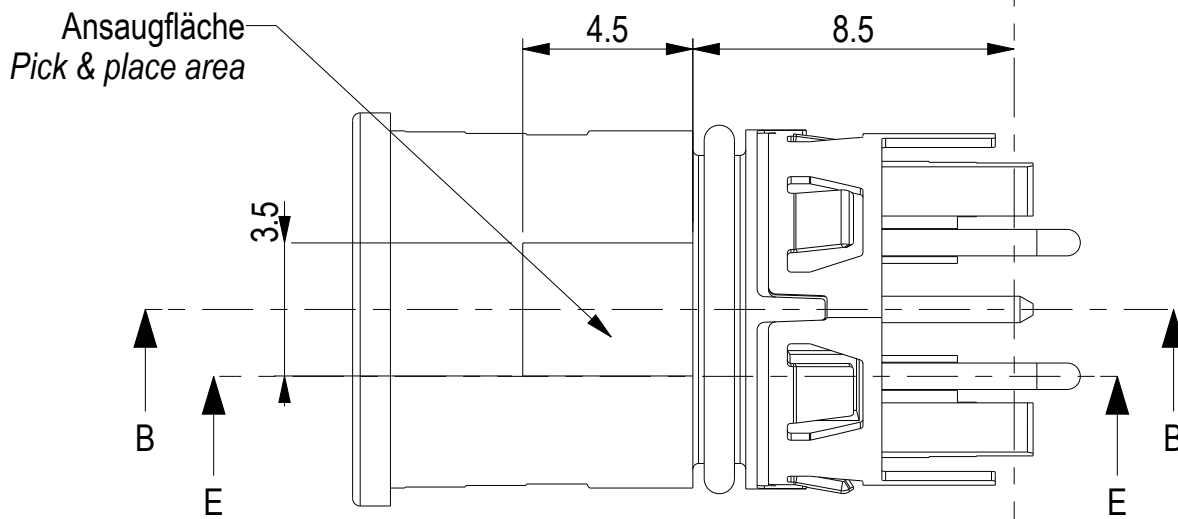
Gemessen über Schirmkontakte
Measured over shield contacts



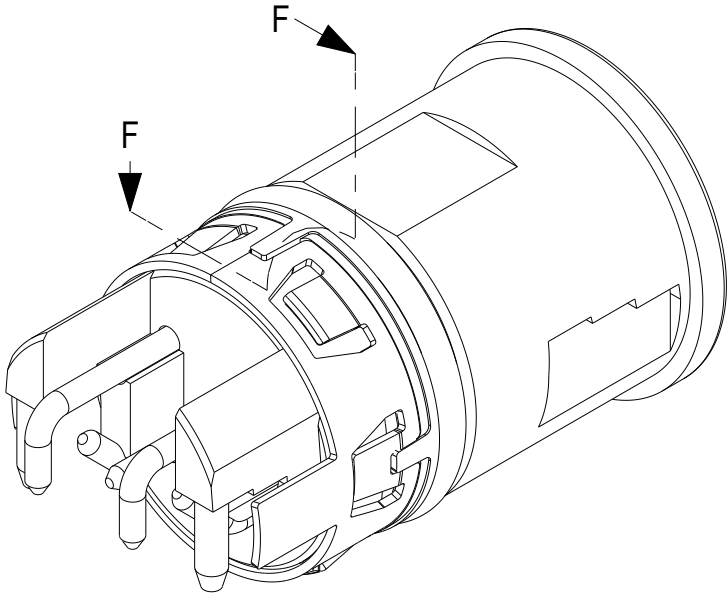
SCHNITT E-E
SECTION E-E



SCHNITT B-B
SECTION B-B



SCHNITT F-F
SECTION F-F



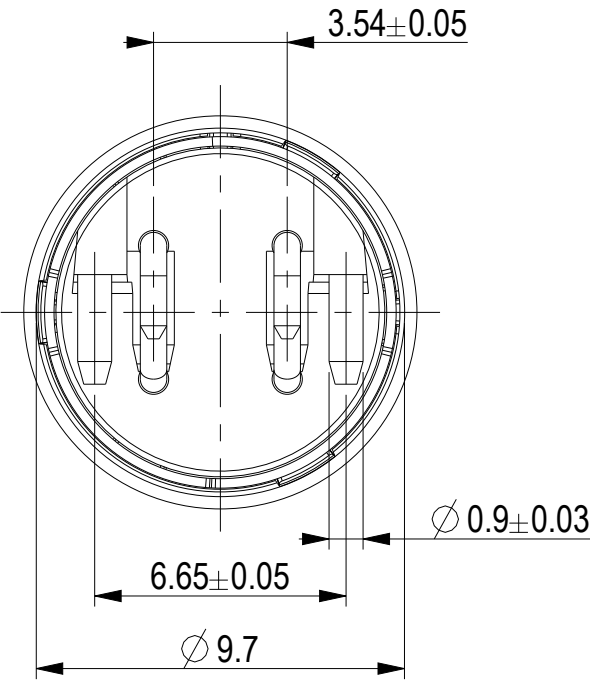
Steckgesicht nach IEC 61076-2-101
Mating face acc. IEC 61076-2-101

Handschriftliche Änderungen auf
CAD Zeichnungen sind nicht zulässig!

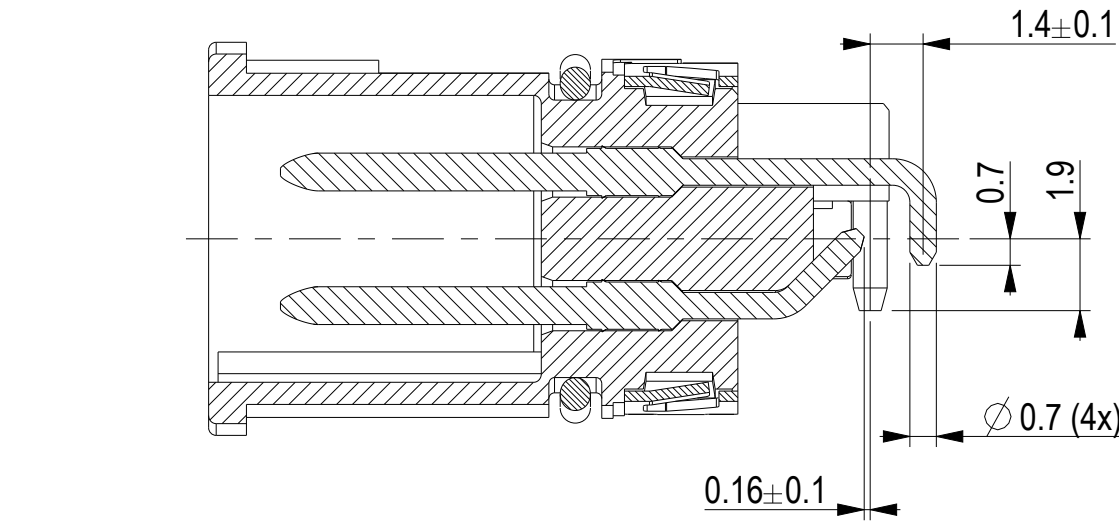
Information		Tolerances		Scale	5:1
All rights reserved. Only for information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.		Subject to modification without prior notice. Drawing will not be updated.		Designation	
		www.ERNI.com		5 polige Version / 5 pin version M12 90° M A THR Frontmontage M12 90° M A THR front mount	
B	06.10.17	225250		I (2 / 4) A2	
Index	Date	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>
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

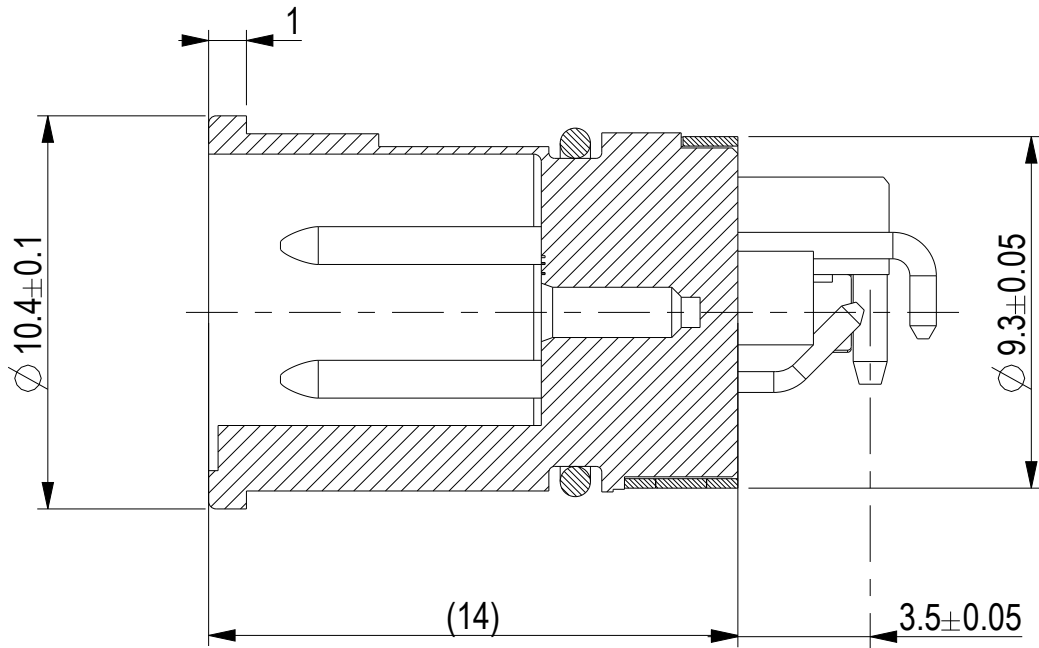
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring



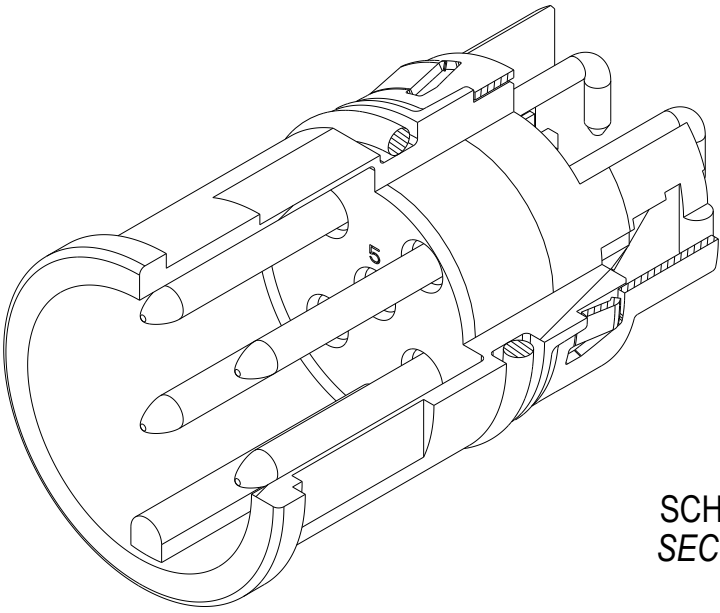
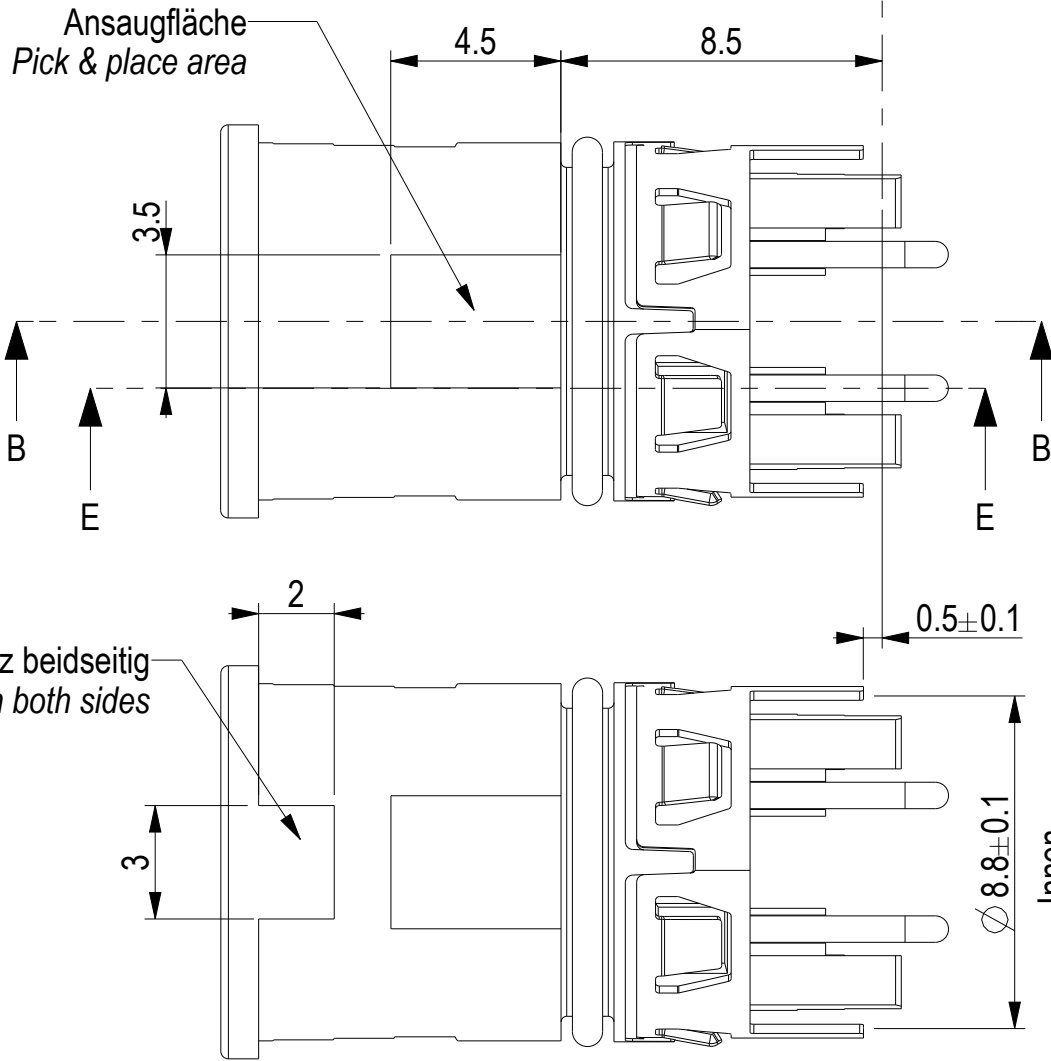
Gemessen über Schirmkontakte
Measured over shield contacts



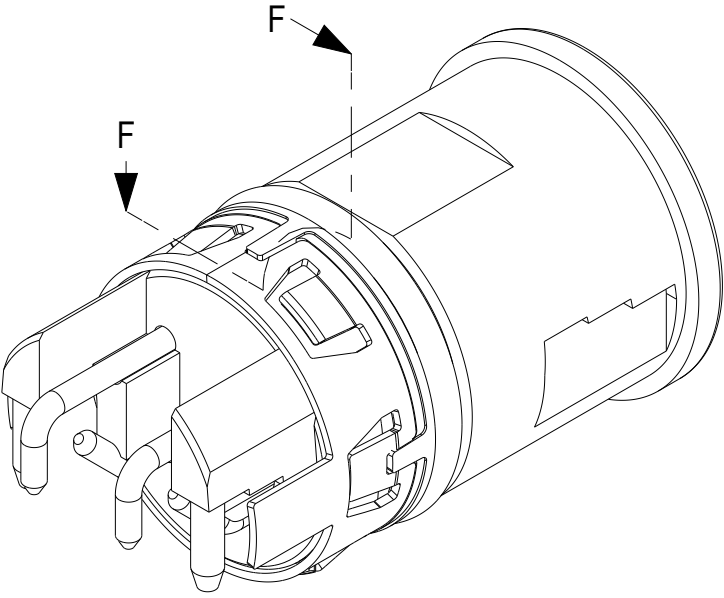
SCHNITT E-E
SECTION E-E



SCHNITT B-B
SECTION B-B



SCHNITT F-F
SECTION F-F



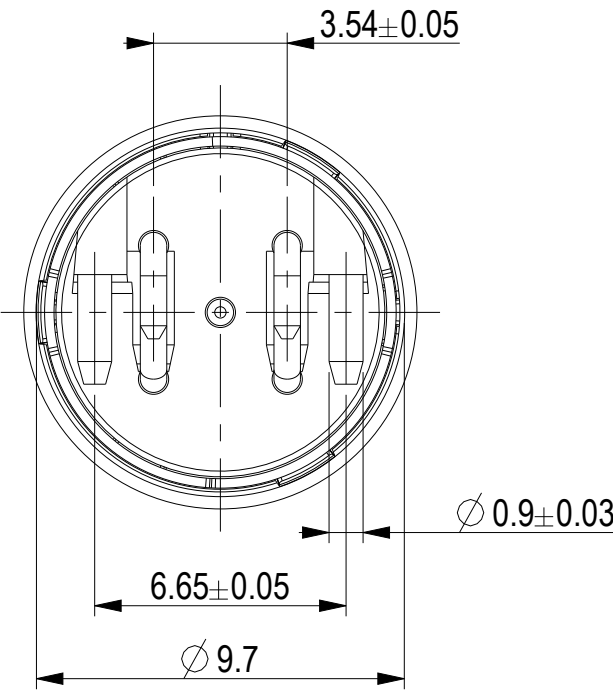
Steckgesicht nach IEC 61076-2-101
Mating face acc. IEC 61076-2-101

Handschriftliche Änderungen auf
CAD Zeichnungen sind nicht zulässig!

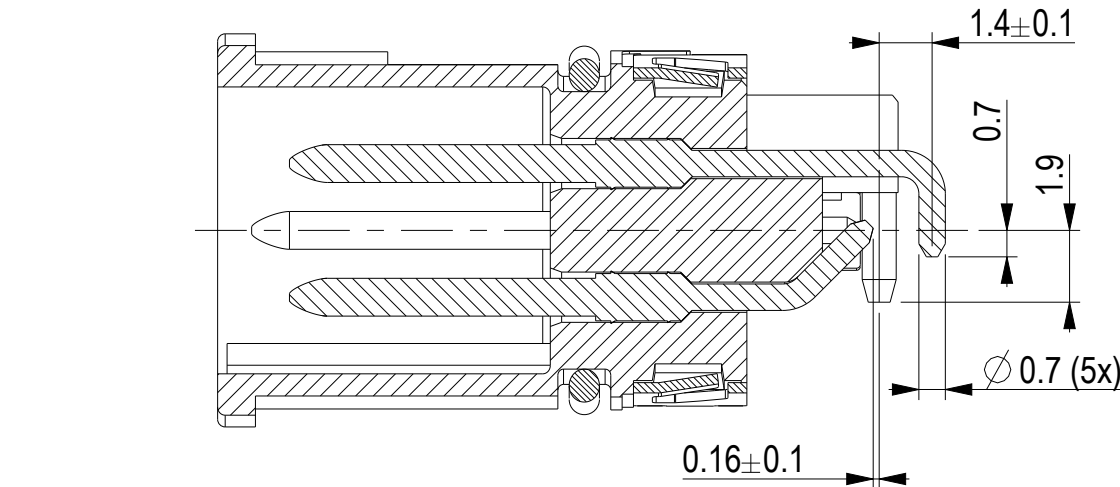
Information		Tolerances		Scale	5:1
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		www.ERNI.com		4 polige Version / 4 pin version M12 90° M A THR Frontmontage M12 90° M A THR front mount	
B	06.10.17	225250		I (3 / 4) A2	
Index	Date	Class		M12	

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>
225245	yes 7.2x0.8	no	no	needed
225249	yes 7.2x0.8	yes	no	recommended

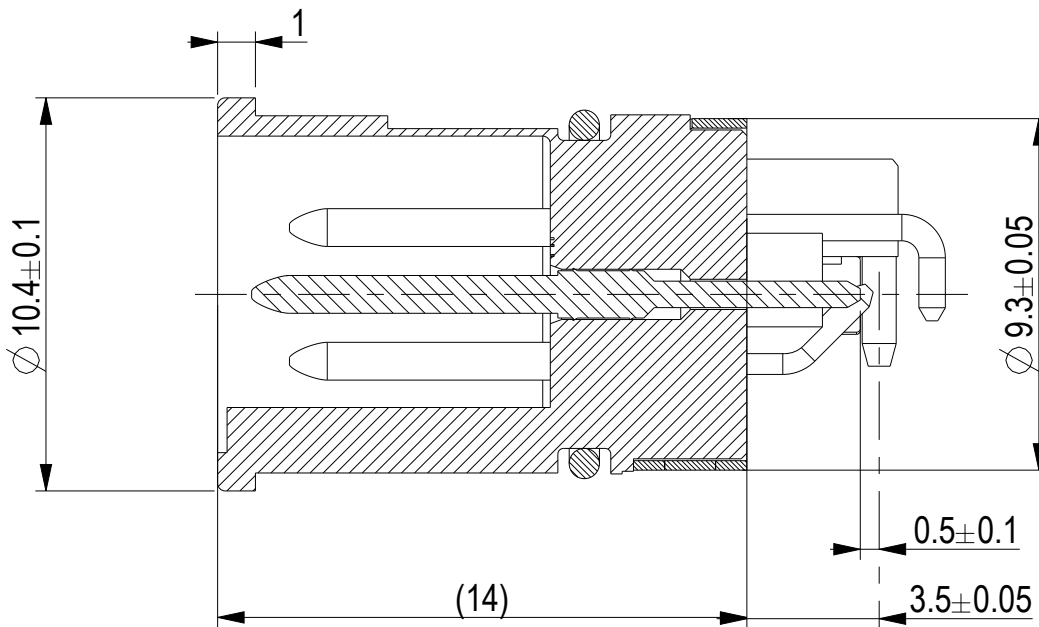
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring



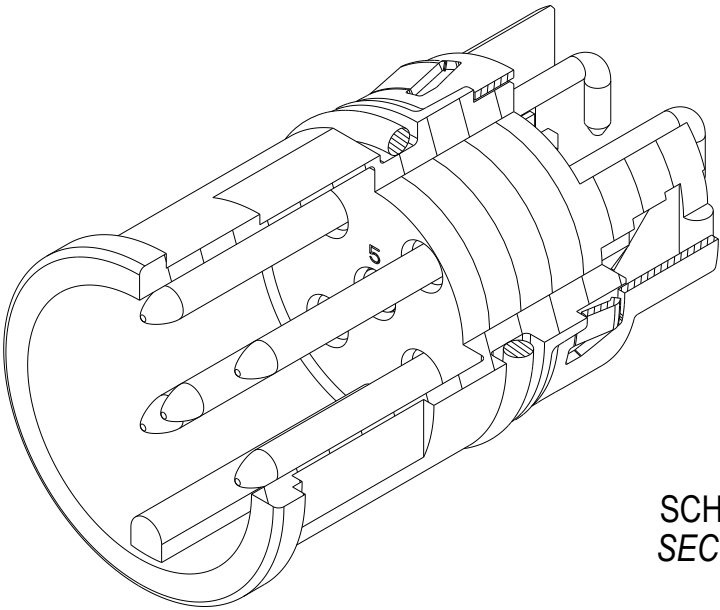
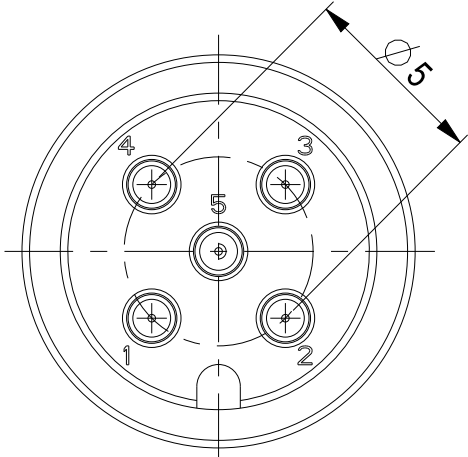
Gemessen über Schirmkontakte
Measured over shield contacts



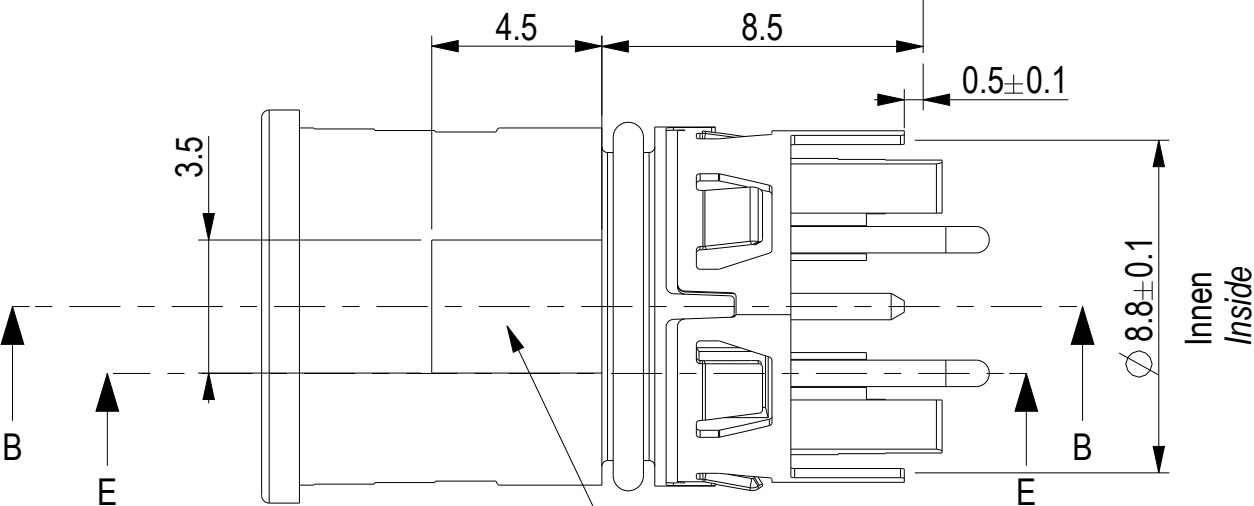
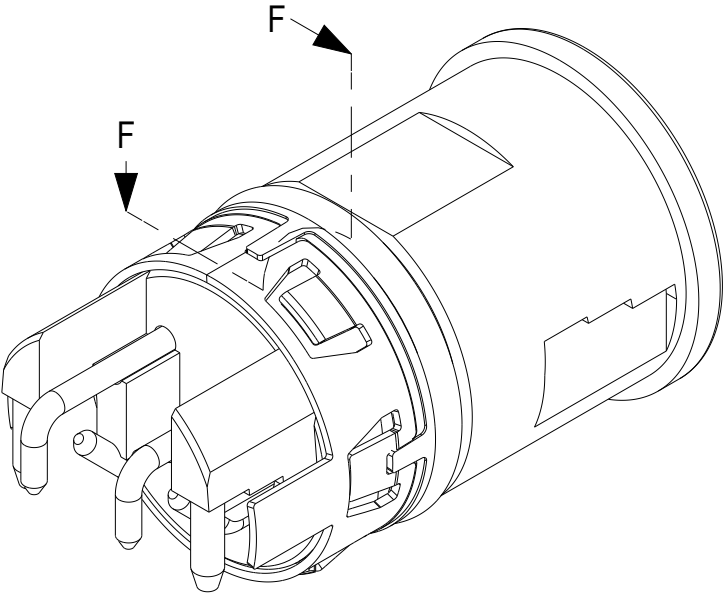
SCHNITT E-E
SECTION E-E



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

Handschriftliche Änderungen auf
CAD Zeichnungen sind nicht zulässig!

Information		Tolerances		Scale	5:1
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		www.ERNI.com		5 polige Version / 5 pin version Kontakt 5 voreilend / early mate last break contact 5 M12 90° M A THR Frontmontage M12 90° M A THR front mount	
B	06.10.17			225250	
Index	Date			I (4 / 4) A2	
		Class		M12	