

Leiterplattendicke 2 mm
Layoutempfehlung siehe 225321

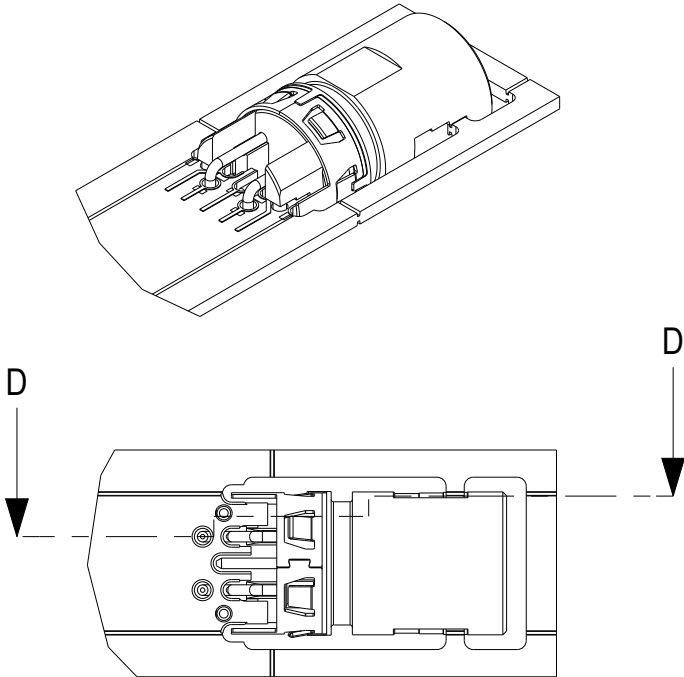
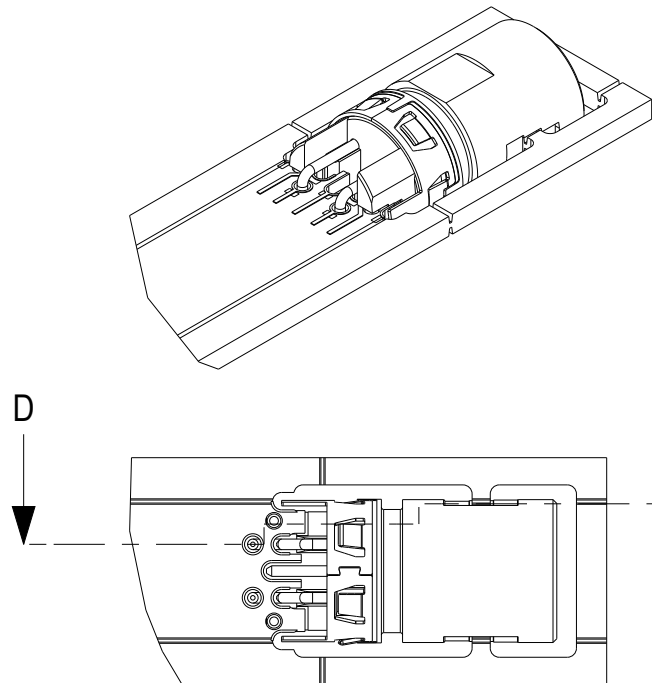
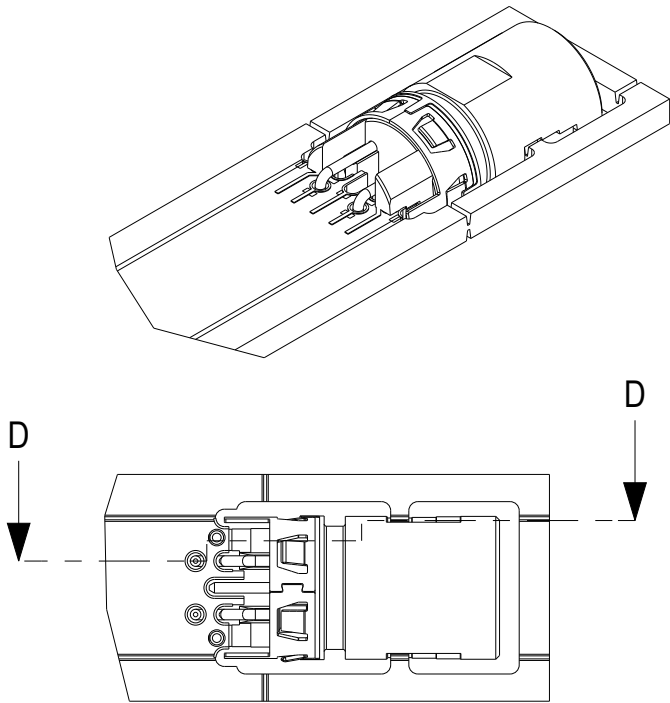
Leiterplattendicke 1,6 mm
Layoutempfehlung siehe 225321

Leiterplattendicke 1 mm
Layoutempfehlung siehe 225321

PCB thickness 2 mm
For recommended dims see 225321

PCB thickness 1,6 mm
For recommended dims see 225321

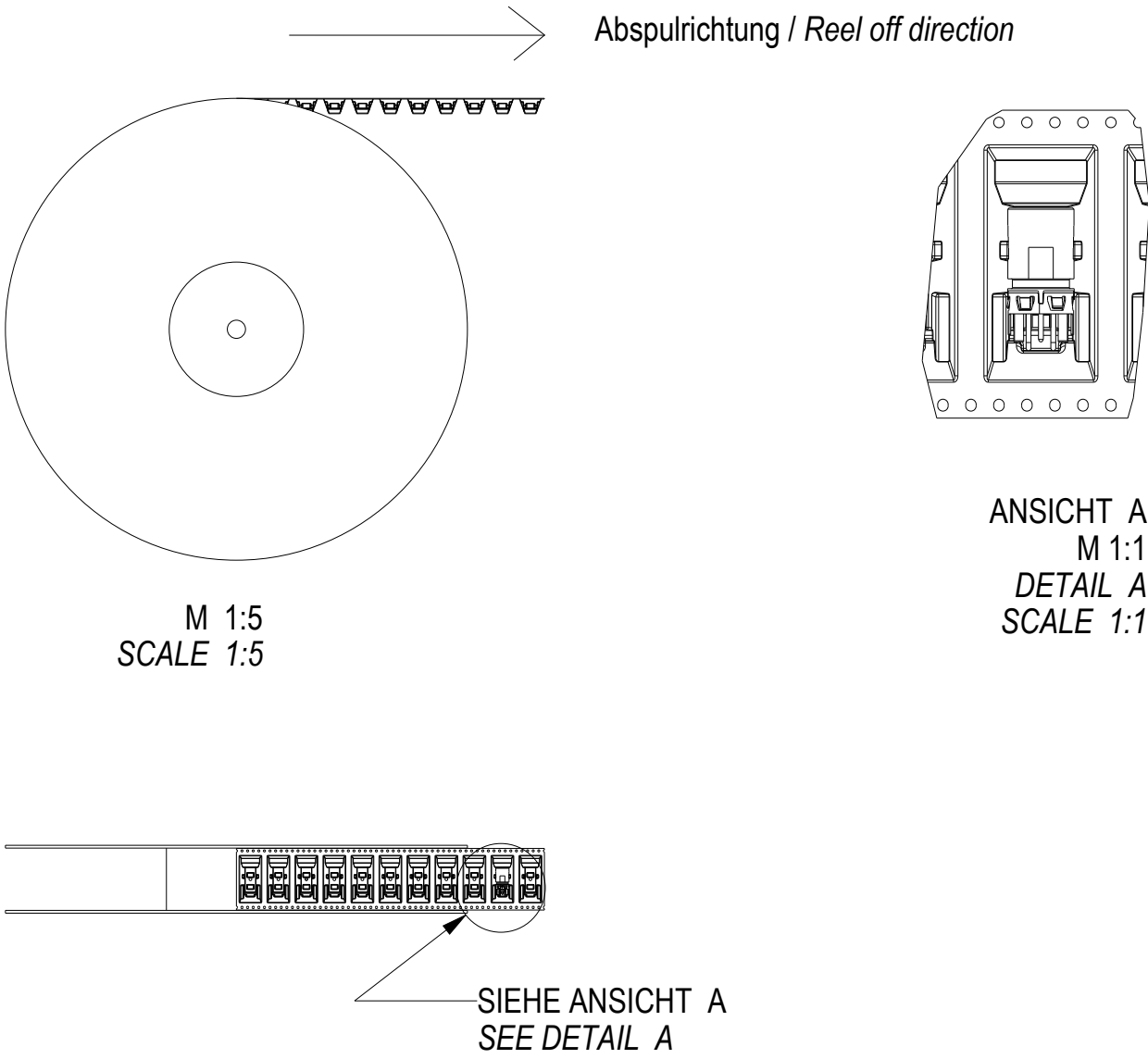
PCB thickness 1 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

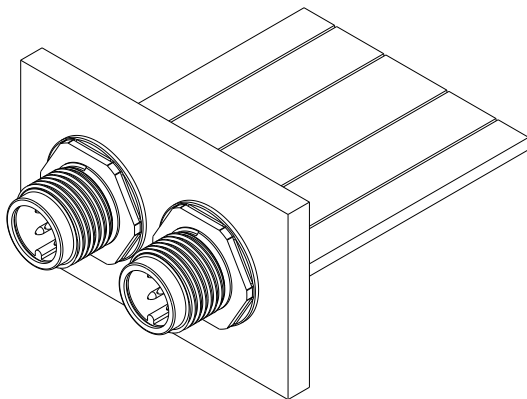
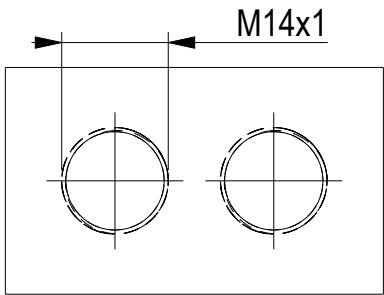
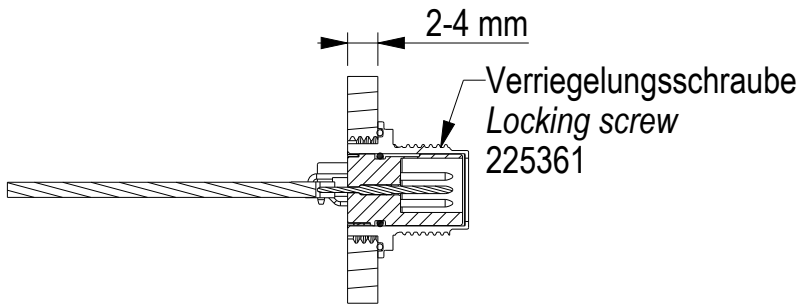
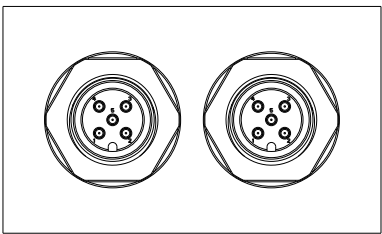
SCHNITT D-D
SECTION D-D

SCHNITT D-D
SECTION D-D

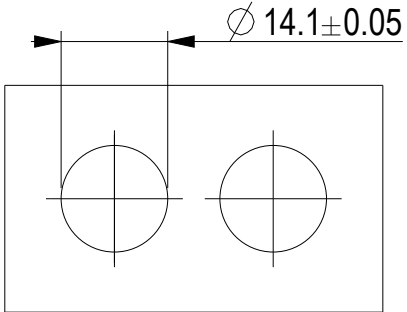
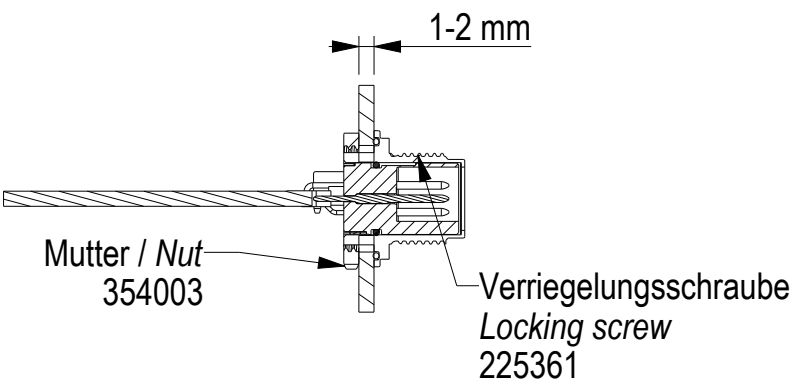
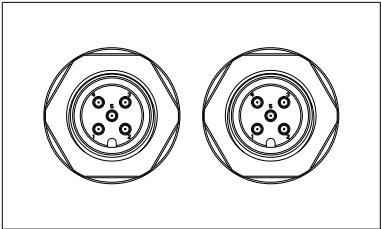


Anwendungsbeispiel / Application example

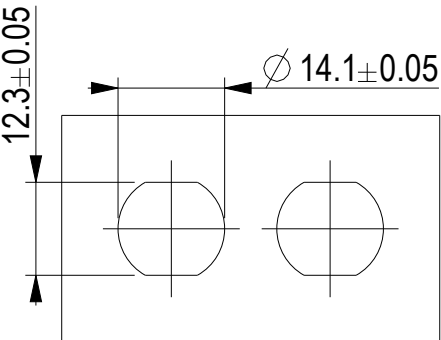
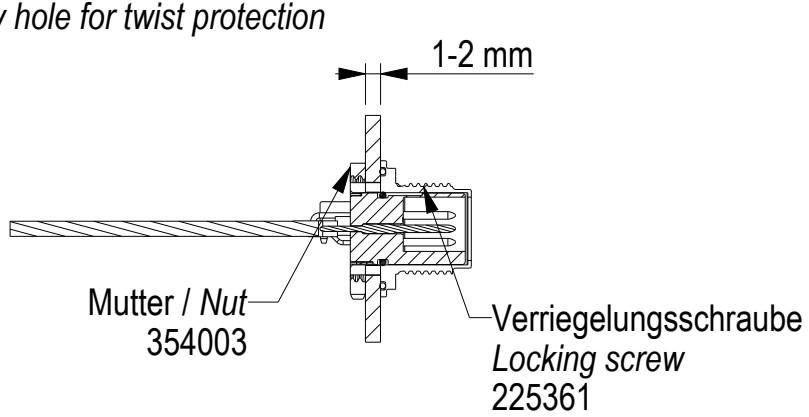
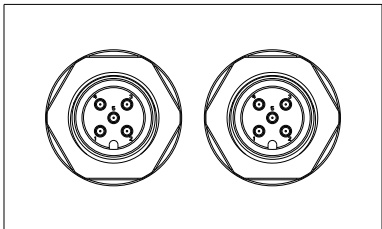
Gewinde-Löcher / Thread holes



Standard-Löcher / Standard holes



Montageloch für Verdreherschutz / Assembly hole for twist protection



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.

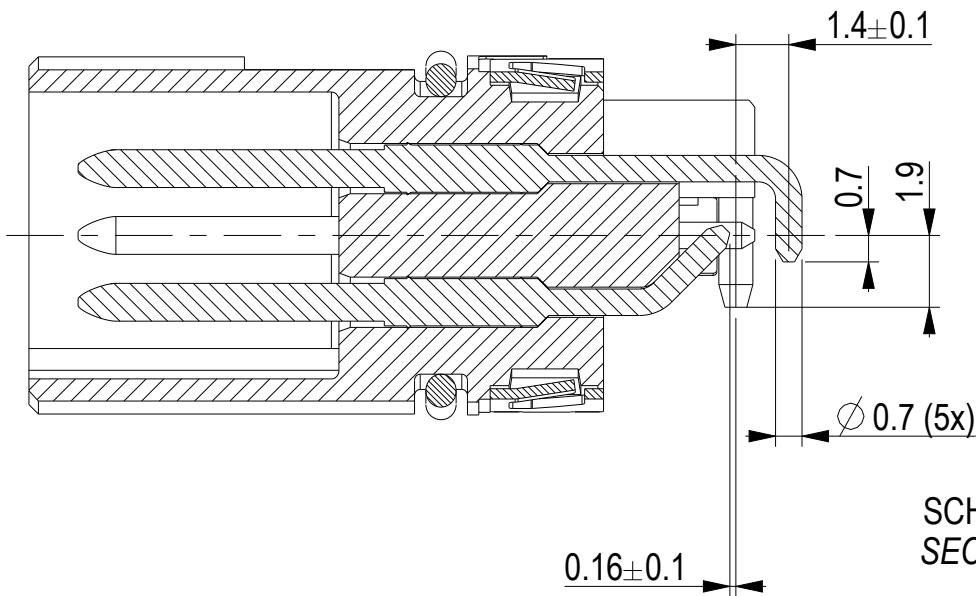
Maßempfehlung für Gehäuseintegration siehe 225406
Recommended dimensions for integration in housing see 225406
Technische Daten siehe Document 225407
Technical data see document 225407

225251	2	no	no	5	1,2,3,4,5	T&R	
225252	3	no	no	4	1,2,3,4	T&R	
225253	4	no	no	5	1,2,3,4,5v	T&R	Kontakt 5 vorellend Contact 5 early mate
225254	2	yes	no	5	1,2,3,4,5	T&R	
225255	3	yes	no	4	1,2,3,4	T&R	
225256	4	yes	no	5	1,2,3,4,5v	T&R	Kontakt 5 vorellend Contact 5 early mate
225456	2	no	yes	5	1,2,3,4,5	T&R	
235165	2	yes	yes	5	1,2,3,4,5	T&R	
235171	3	yes	yes	4	1,2,3,4	T&R	
235230	3	no	yes	4	1,2,3,4	T&R	

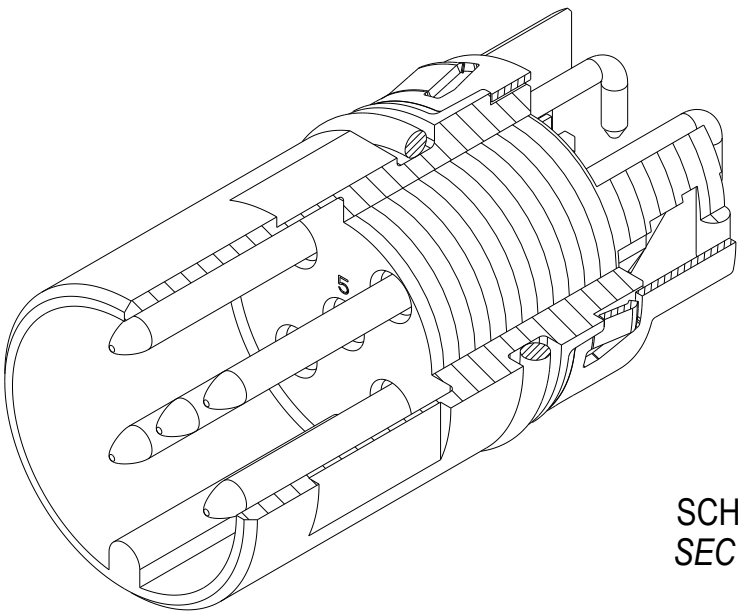
Ident-Nr. Ident-No.	Zeichn. Blatt Drw. Sheet	Schirm Shield	O-ring O-ring	Polzahl No. pins	Kontakt Nr. Contact No.	Verpackung Packaging	Bemerkung Remarks
Information		Tolerances	Scale 2:1				
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D		01.02.17	Date		ERNI		www.ERNI.com
Index		Date		Class		M12	
						225257	
						I (1 / 4) A2	

Ident-Nr. <i>Ident-No.</i>	O-ring <i>O-ring</i>	Schirm <i>Shield</i>	Verguß <i>Potting</i>
225251	no	no	recommended
225254	no	yes	not needed
225456	yes 7,2 x 0,8	no	recommended
235165	yes 7,2 x 0,8	yes	not needed

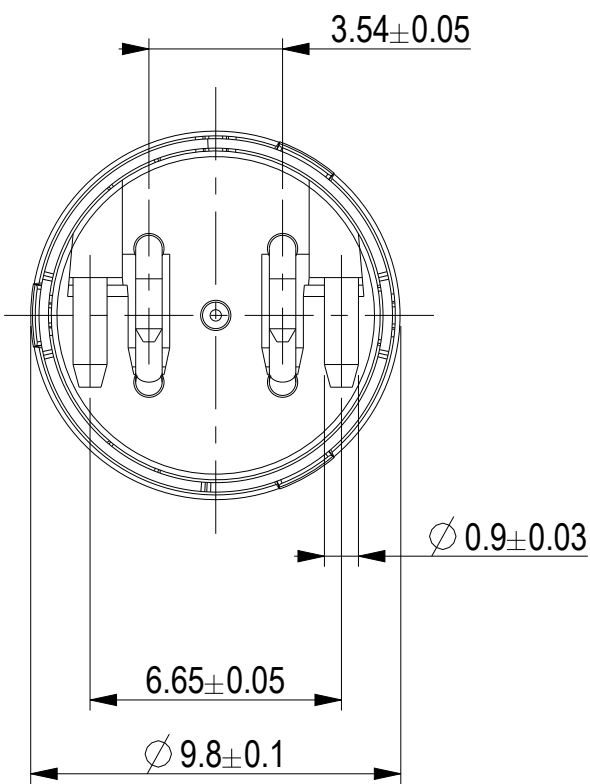
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring



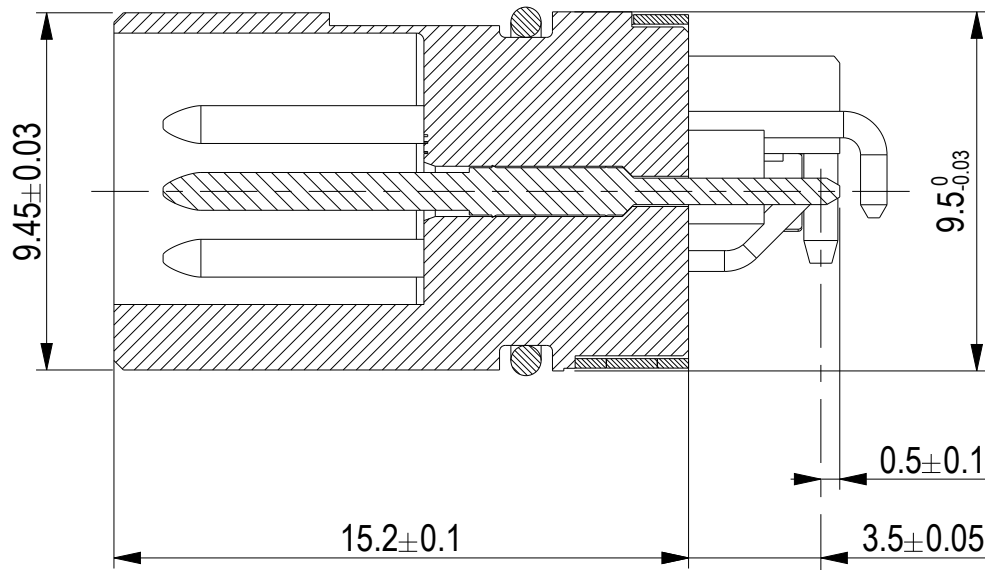
SCHNITT E-E
SECTION E-E



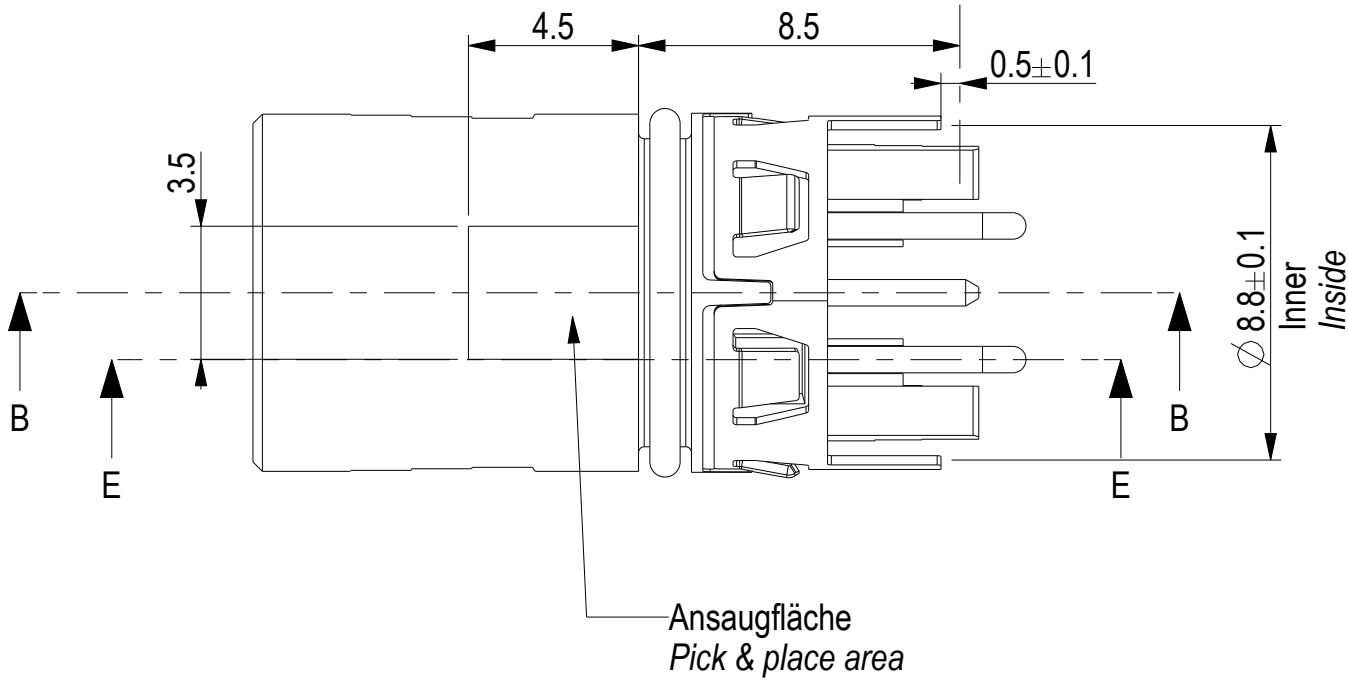
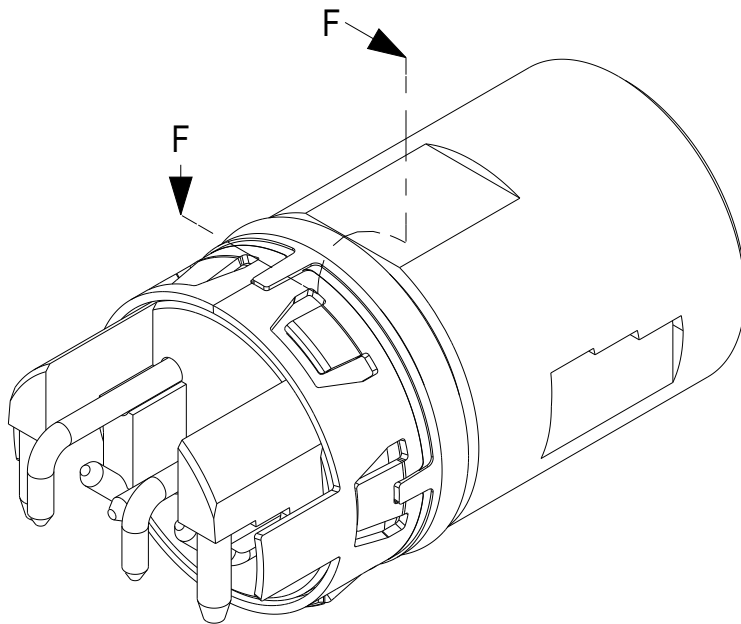
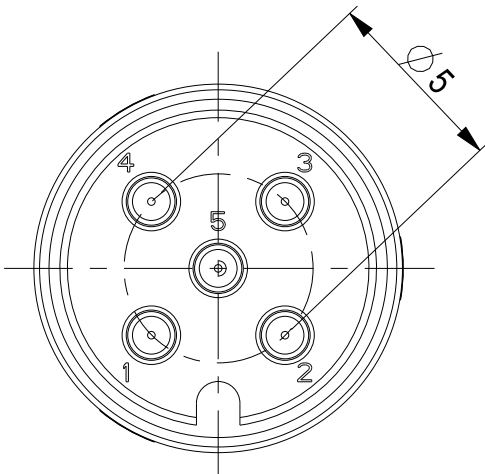
SCHNITT F-F
SECTION F-F



Gemessen über Schirmkontakte
Measured over shield contacts



SCHNITT B-B
SECTION B-B



Layoutempfehlung siehe 225321
Recommended pcb layout see 225321

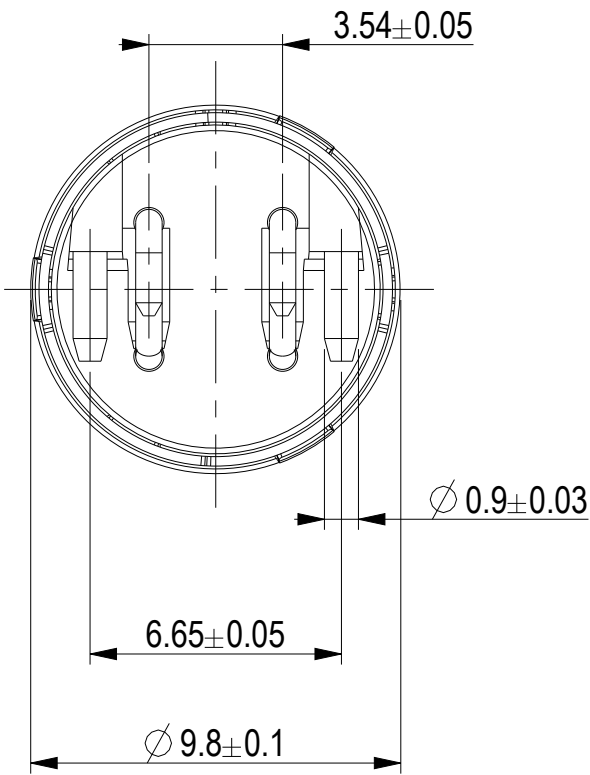
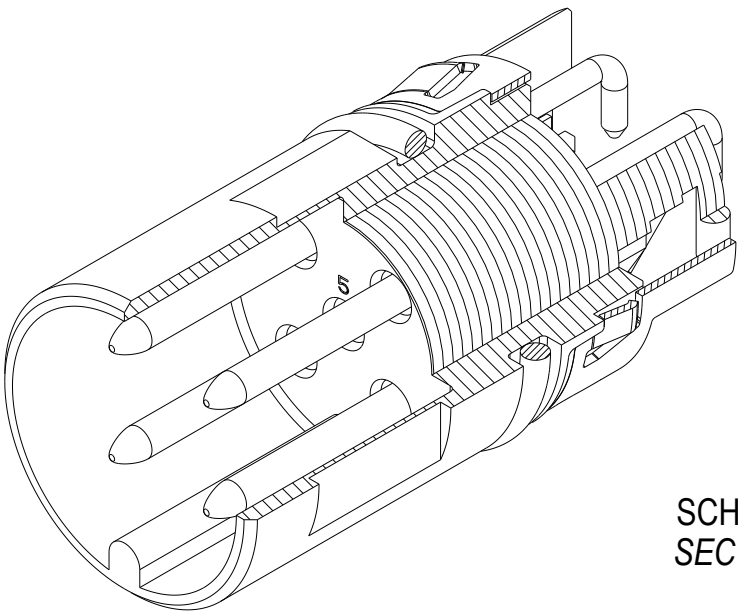
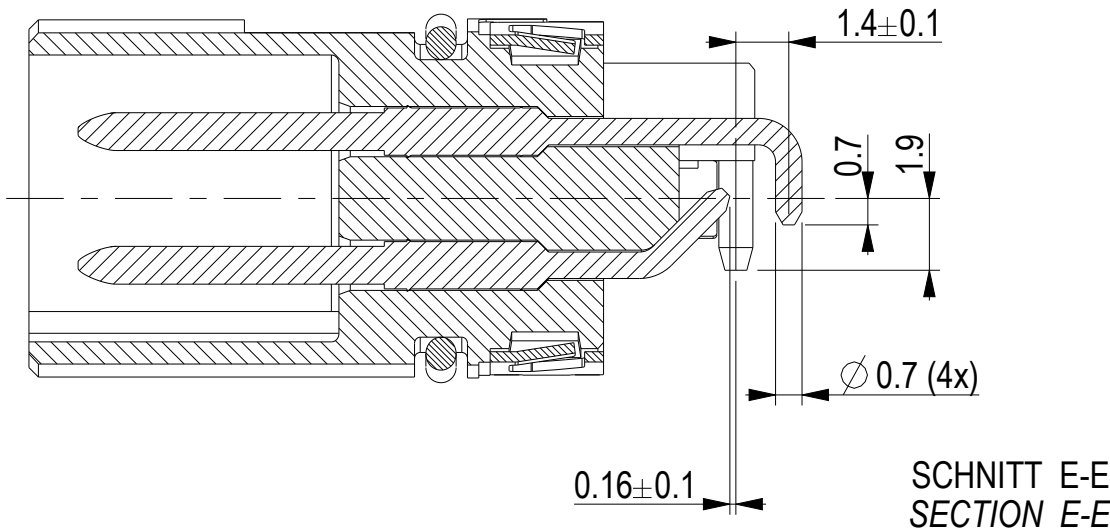
Steckgesicht nach IEC 61076-2-101
Mating face acc. IEC 61076-2-101

Handschriftliche Änderungen auf
CAD Zeichnungen sind nicht zulässig!

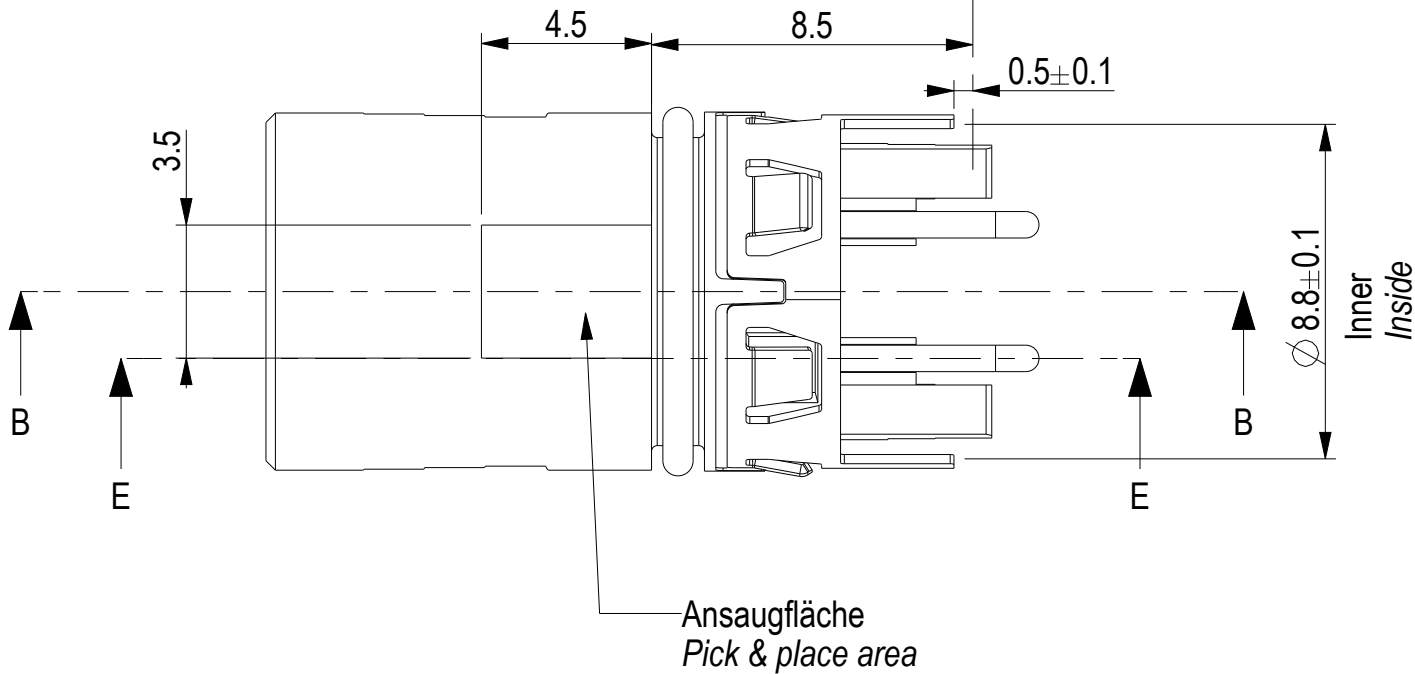
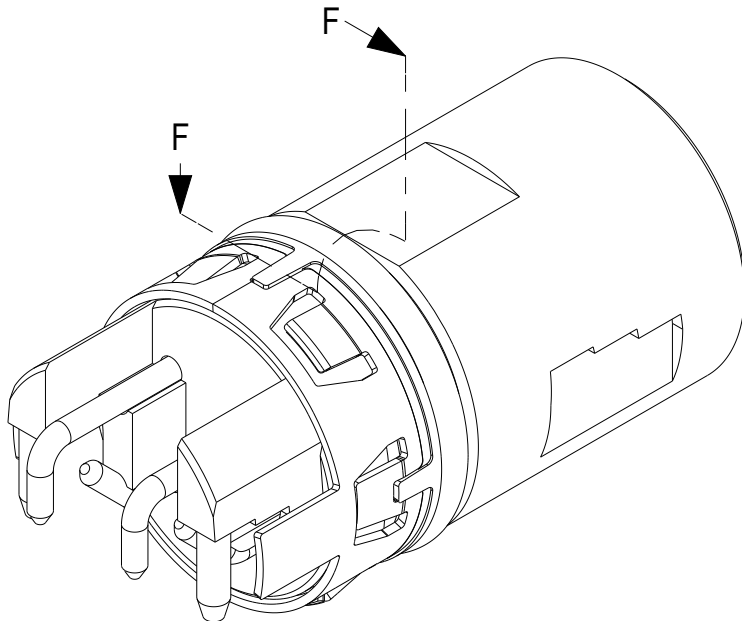
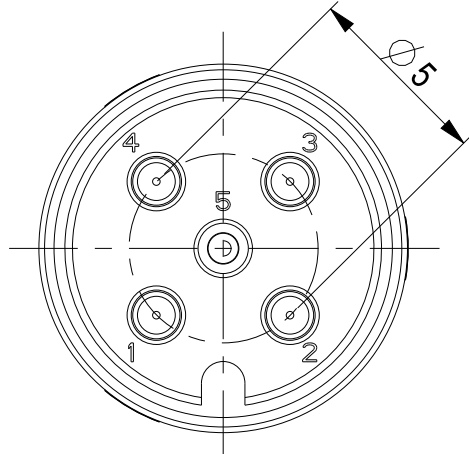
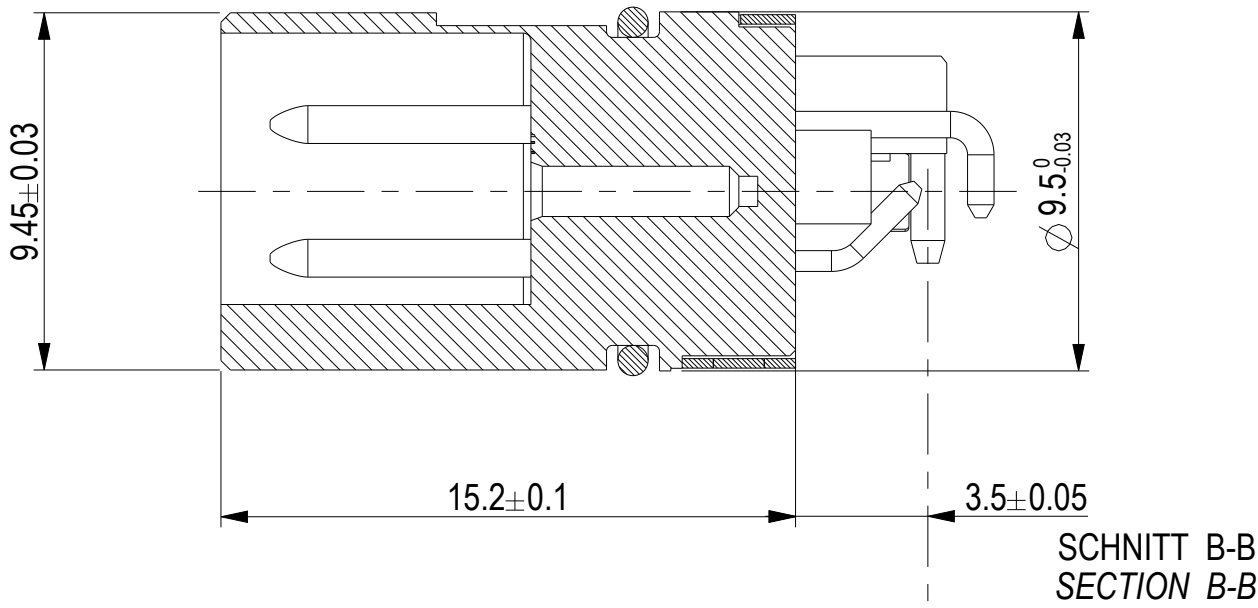
Information			Tolerances		Scale	5:1
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D			01.02.17		5 polige Version / 5 pin version	
Index			Date		M12 90° M A THR Rückmontage M12 90° M A THR rear mount	
			ERNI www.ERNI.com		225257	
			Class		M12	
					I (2 / 4) A2	

Ident-Nr. <i>Ident-No.</i>	O-ring <i>O-ring</i>	Schirm <i>Shield</i>	Verguß <i>Potting</i>
225252	no	no	recommended
235230	yes 7,2x0,8	no	recommended
225255	no	yes	not needed
235171	yes 7,2x0,8	yes	not needed

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



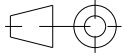
Gemessen über Schirmkontakte
Measured over shield contacts



Layoutempfehlung siehe 225321
Recommended pcb layout see 225321

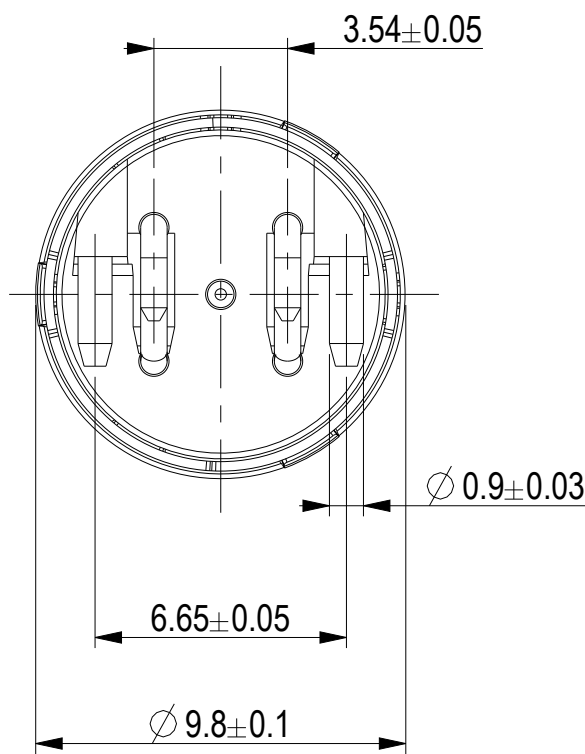
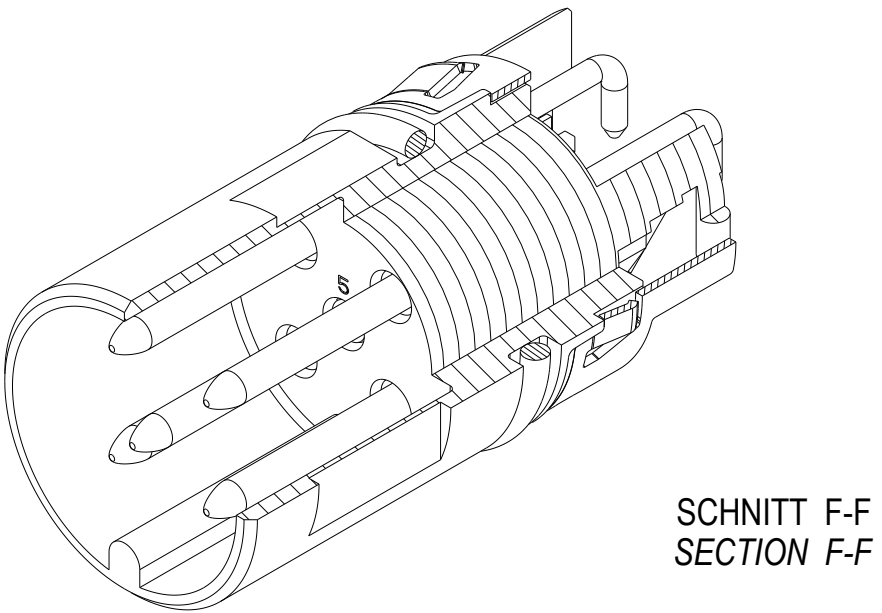
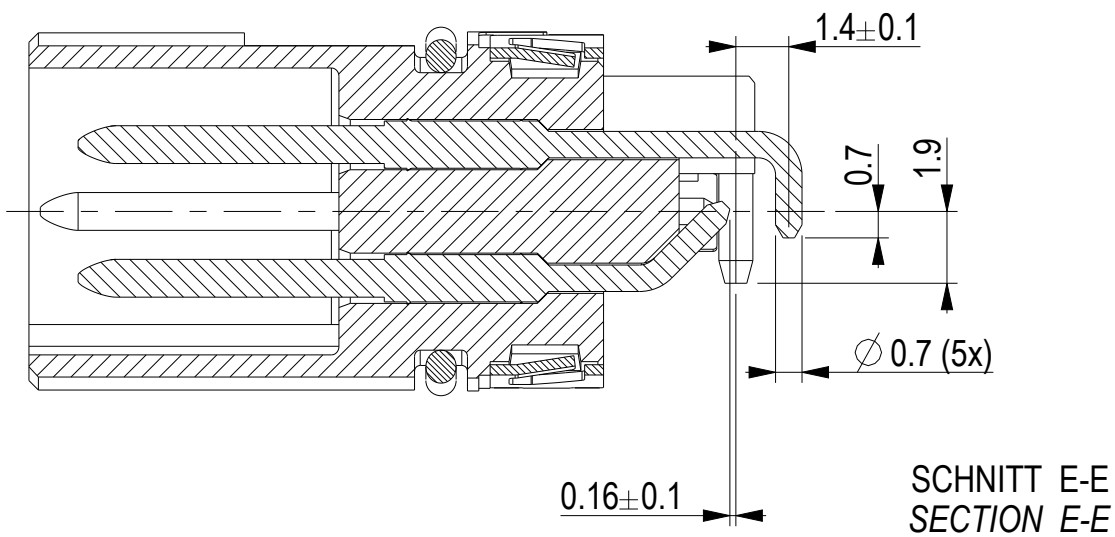
Steckgesicht nach IEC 61076-2-101
Mating face acc. IEC 61076-2-101

Handschriftliche Änderungen auf
CAD Zeichnungen sind nicht zulässig!

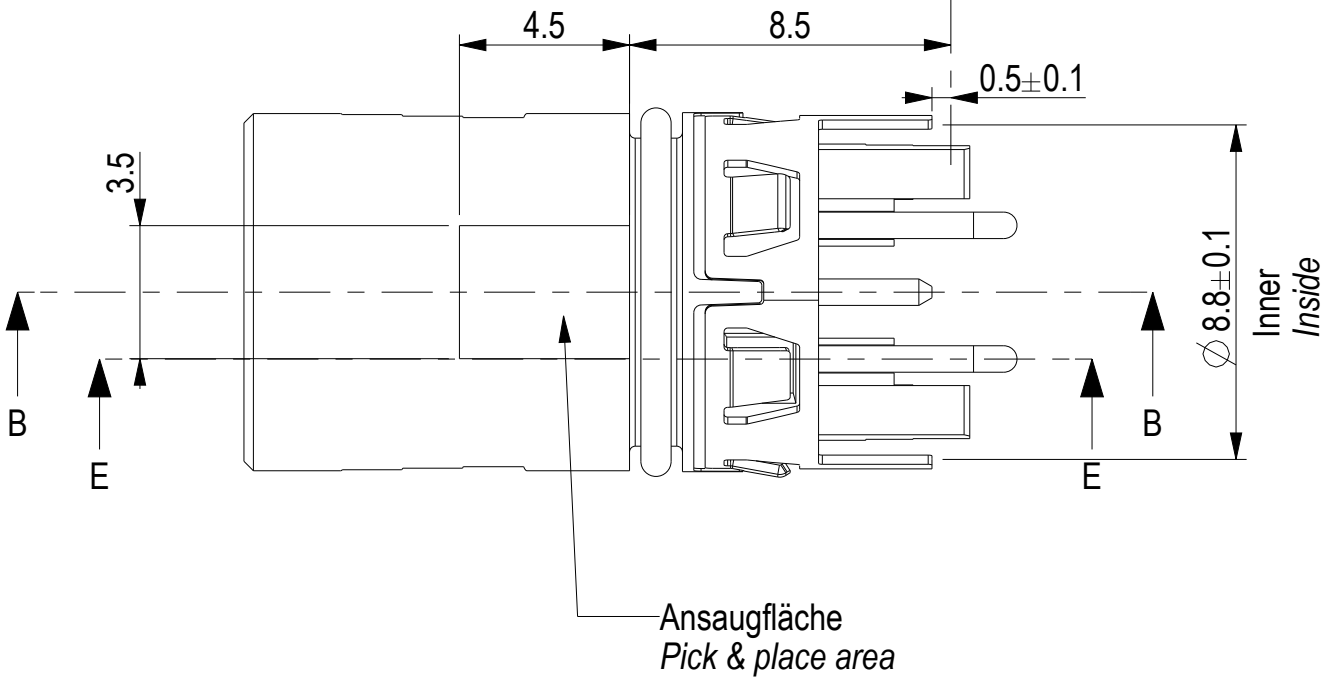
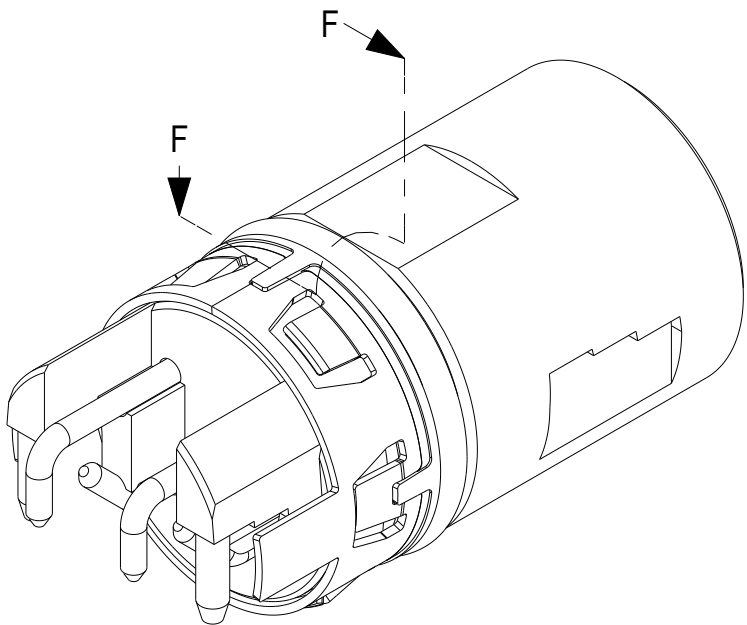
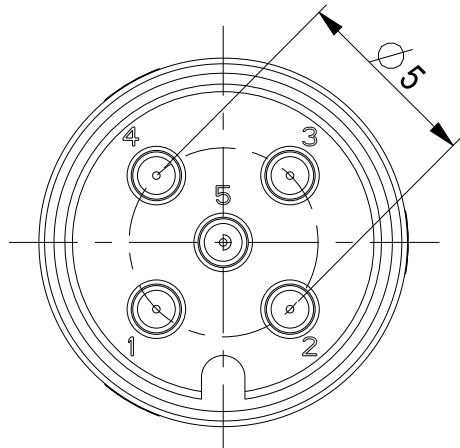
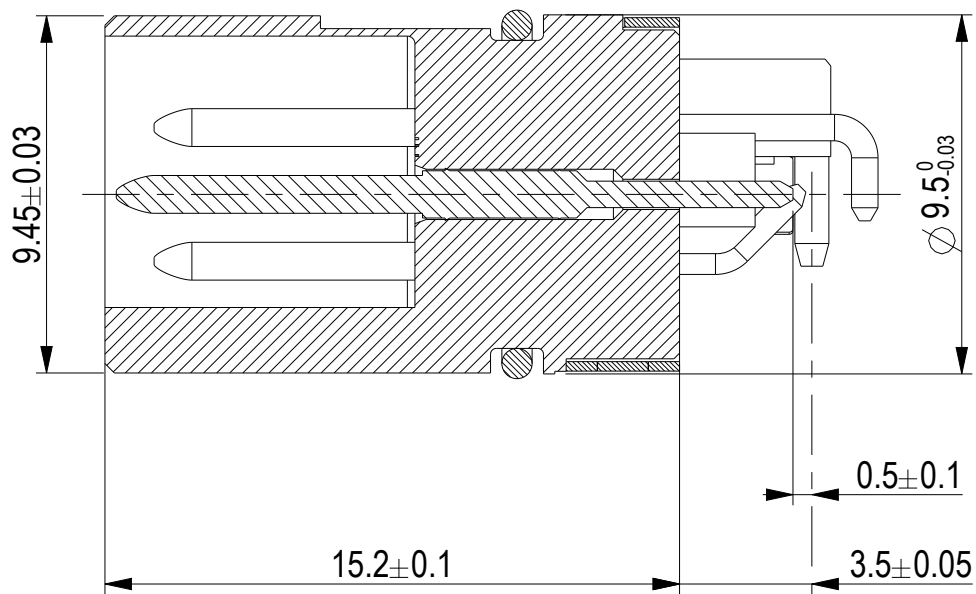
Information			Tolerances		Scale	5:1	
All rights reserved. Only for information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.			All Dimensions in mm		Designation		
			Subject to modification without prior notice. Drawing will not be updated.		4 polige Version / 4 pin version M12 90° M A THR Rückmontage M12 90° M A THR rear mount		
D		01.02.17	 www.ERNI.com		225257		I (3 / 4) A2
Index		Date			Class		
					M12		

Ident-Nr. <i>Ident-No.</i>	O-ring <i>O-ring</i>	Schirm <i>Shield</i>	Verguß <i>Potting</i>
225253	no	no	recommended
225256	no	yes	not needed

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



Gemessen über Schirmkontakte
Measured over shield contacts



Layoutempfehlung siehe 225321
Recommended pcb layout see 225321

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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D			01.02.17		5 polige Version / 5 pin version Kontakt 5 voreilend / early mate last break contact 5		
Index			Date		M12 90° M A THR Rückmontage M12 90° M A THR rear mount		
					225257		
					I (4 / 4) A2		
					Class		
					M12		

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