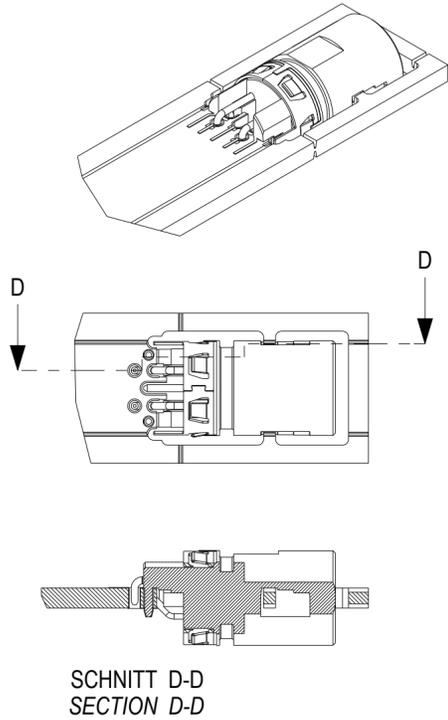


Leiterplatten Optionen / PCB options

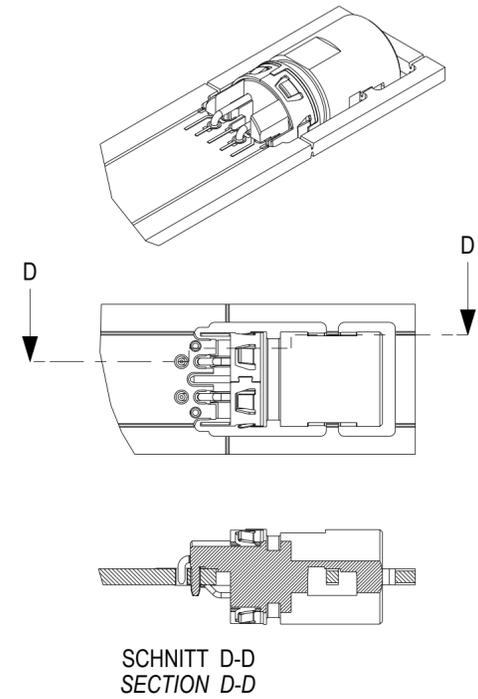
Leiterplattendicke 2 mm  
Layoutempfehlung siehe 225321

PCB thickness 2 mm  
For recommended dims see 225321



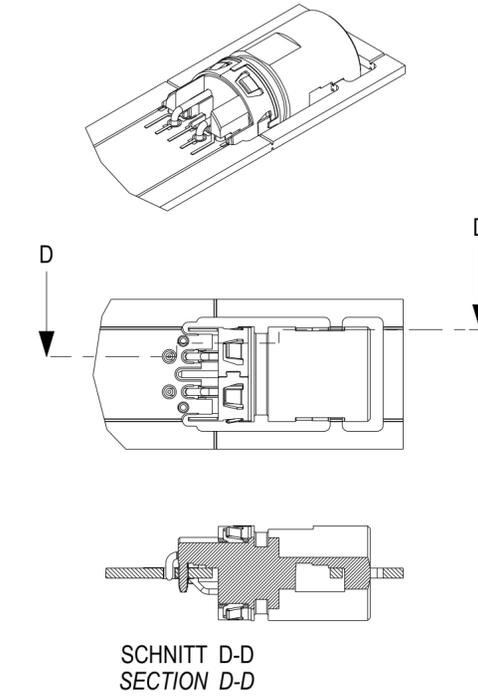
Leiterplattendicke 1,6 mm  
Layoutempfehlung siehe 225321

PCB thickness 1,6 mm  
For recommended dims see 225321

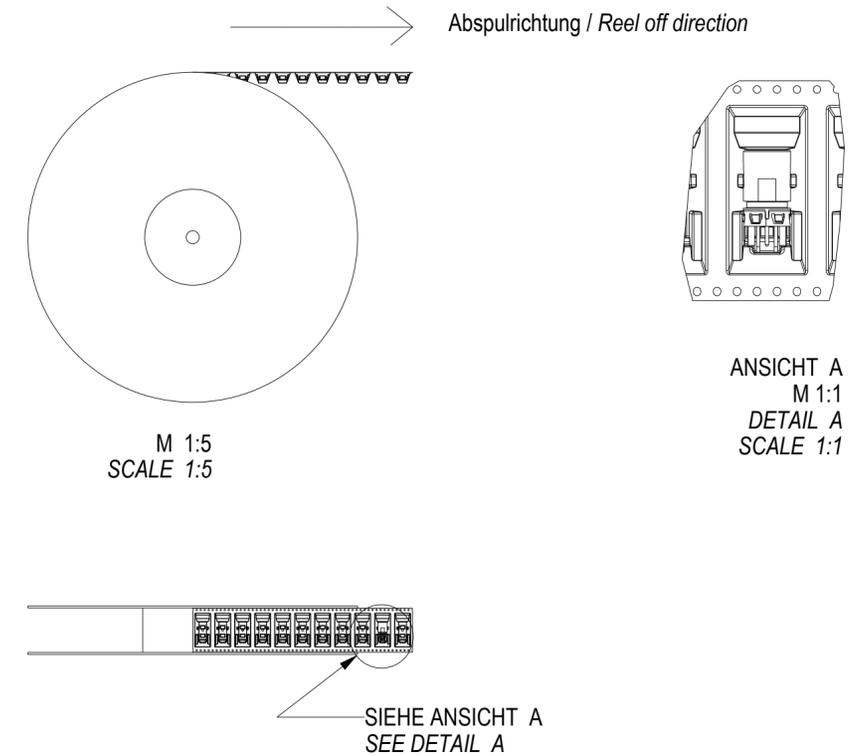


Leiterplattendicke 1 mm  
Layoutempfehlung siehe 225321

PCB thickness 1 mm  
For recommended dims see 225321

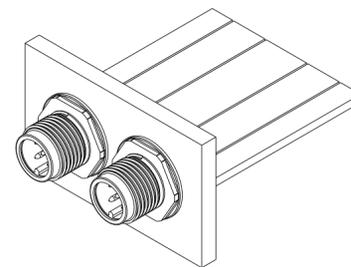
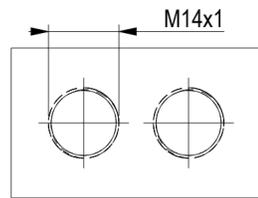
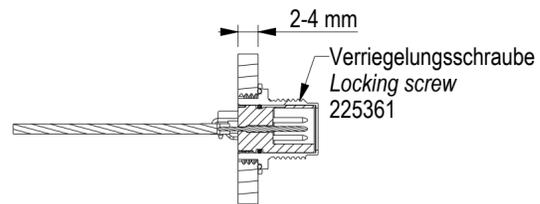
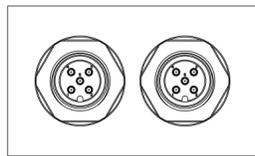


Verpackung / Packaging tape and reel (T&R)

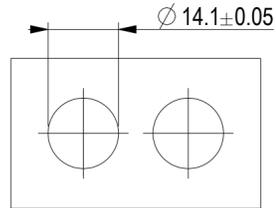
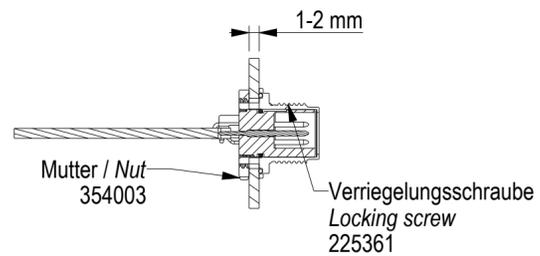
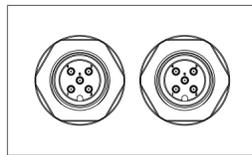


Anwendungsbeispiel / Application example

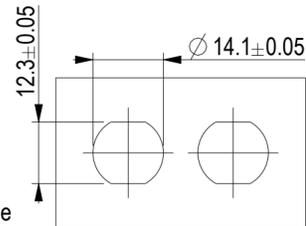
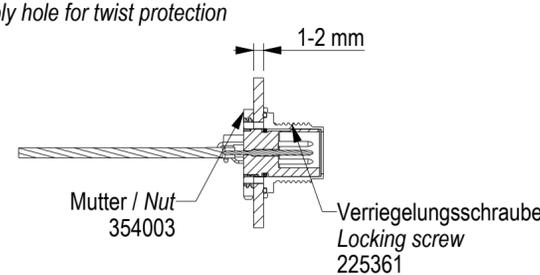
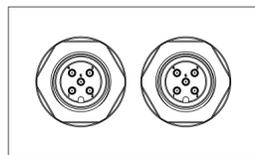
Gewinde-Löcher / Thread holes



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. be fetten.  
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.

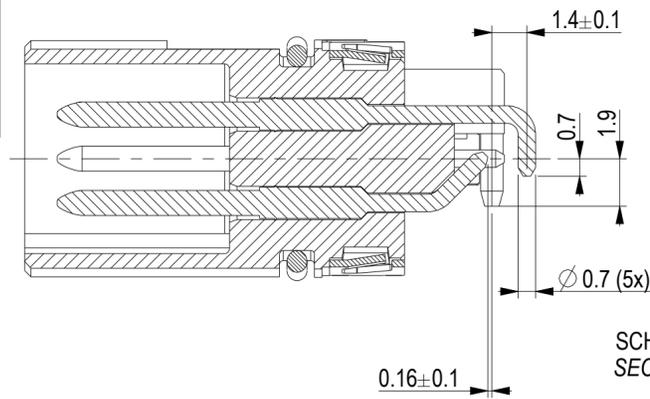
Maßempfehlung für Gehäuseintegration siehe 225406  
Recommended dimensions for integration in housing see 225406  
Technische Daten siehe Document 225407  
Technical data see document 225407

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 voreilend 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 voreilend 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	

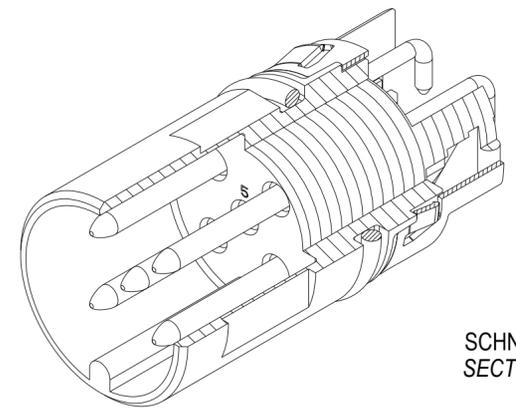
Ident-Nr. Ident-No.	Zeichn. Blatt Drw. Sheet	Schirm Shield	O-ring O-ring	Polzahl No. pins	Kontakt Nr. Contact No.	Verpackung Packaging	Bemerkung Remarks
Information		Tolerances	Scale 2:1		Designation alle Varianten / all versions		
All rights reserved. Only for information. To ensure that this is the 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.	All Dimensions in mm		M12 90° M A THR Rückmontage M12 90° M A THR rear mount		
ERNI www.ERNI.com		225257		I (1 / 4) A2		Class M12	
D	01.02.17	Date					

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

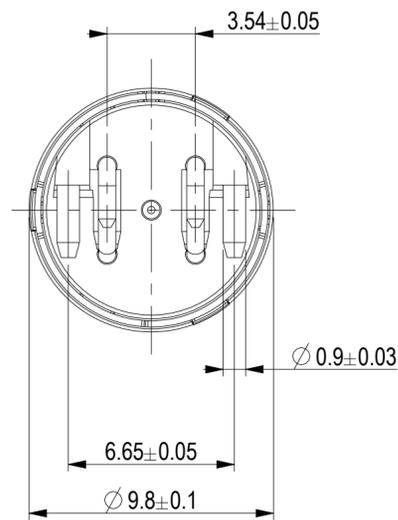
Darstellung mit Schirm und O-Ring  
*Drawn with shield and O-ring*



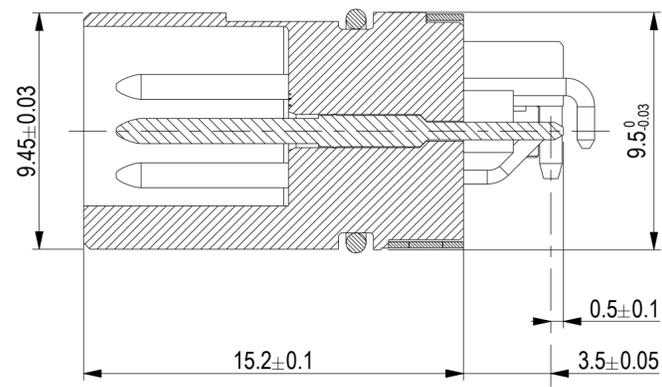
SCHNITT E-E  
SECTION E-E



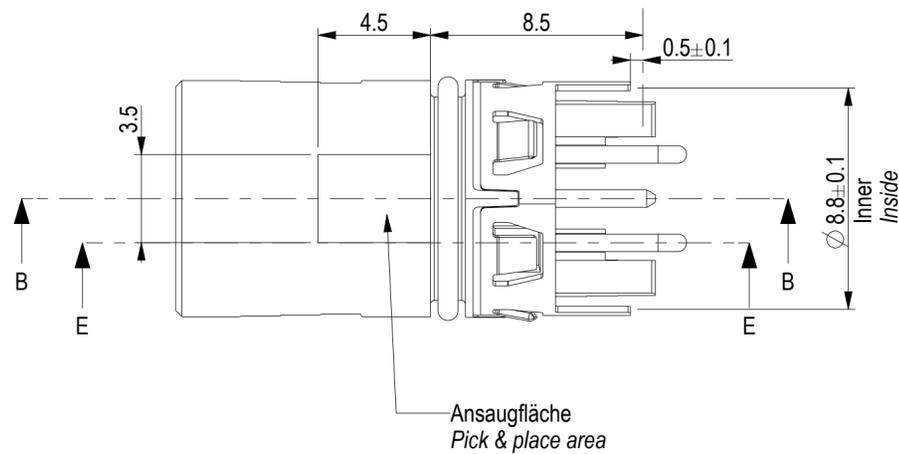
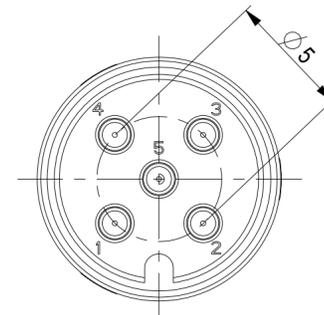
SCHNITT F-F  
SECTION F-F



Gemessen über Schirmkontakte  
*Measured over shield contacts*



SCHNITT B-B  
SECTION B-B



Ansaugfläche  
*Pick & place area*

Layoutempfehlung siehe 225321  
*Recommended pcb layout see 225321*

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

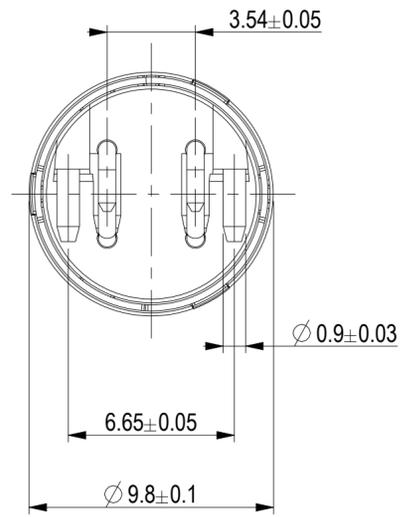
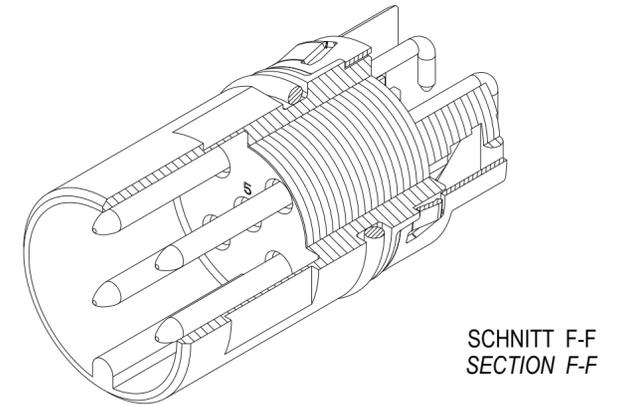
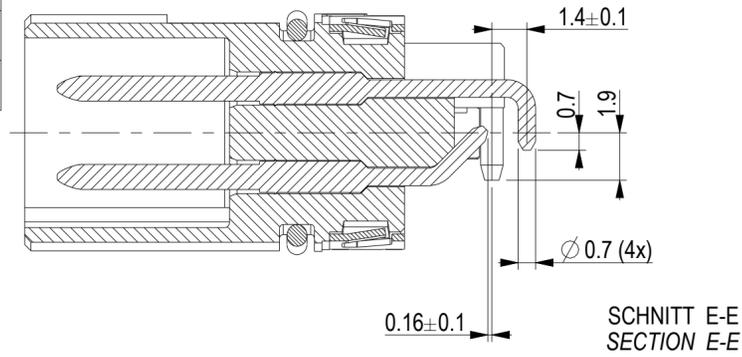
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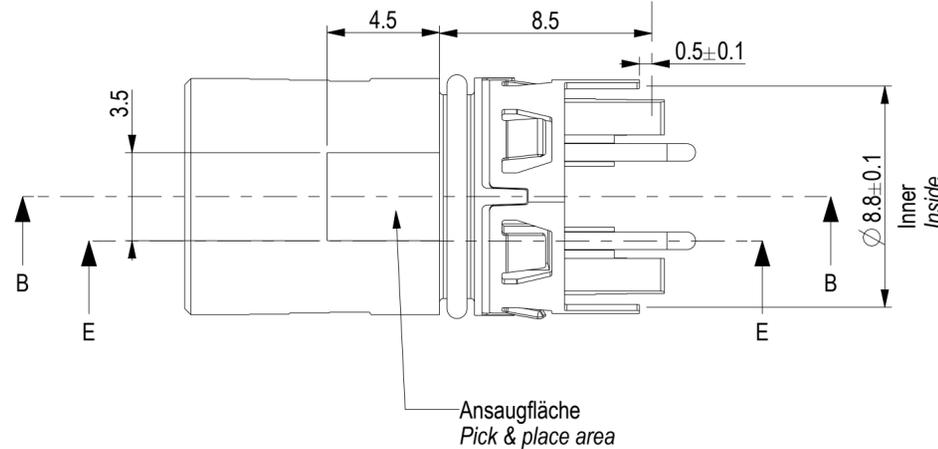
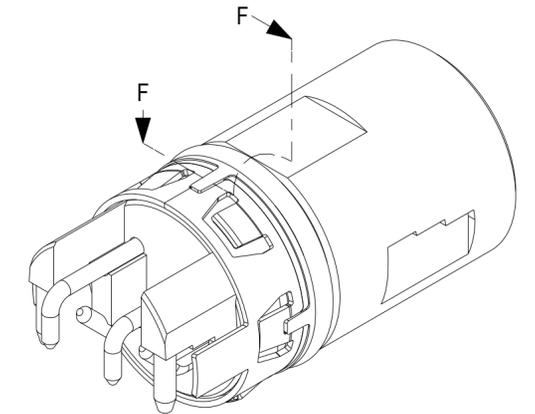
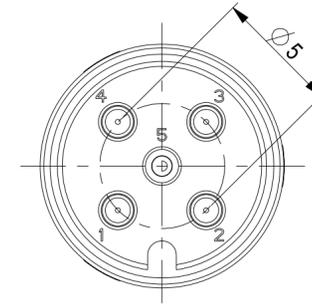
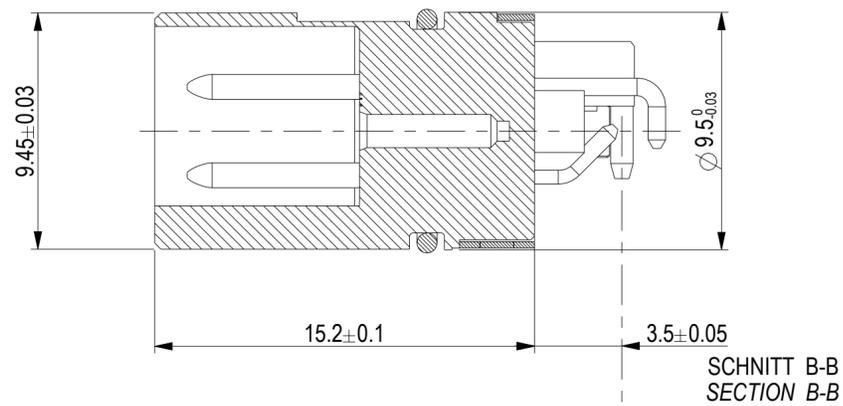
Information		Tolerances	Scale	5:1
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Subject to modification without prior notice. Drawing will not be updated.		Designation 5 polige Version / 5 pin version		
ERNI www.ERNI.com		M12 90° M A THR Rückmontage M12 90° M A THR rear mount		
D	01.02.17	225257		I (2 / 4)
Index	Date	Class		A2
				M12

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*



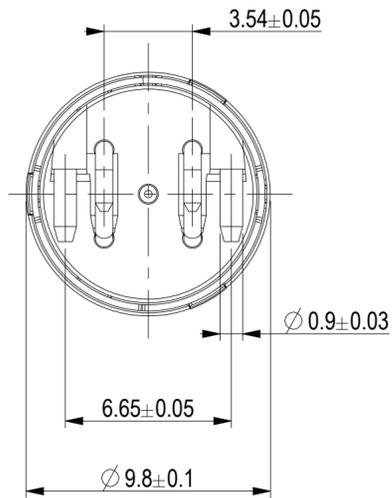
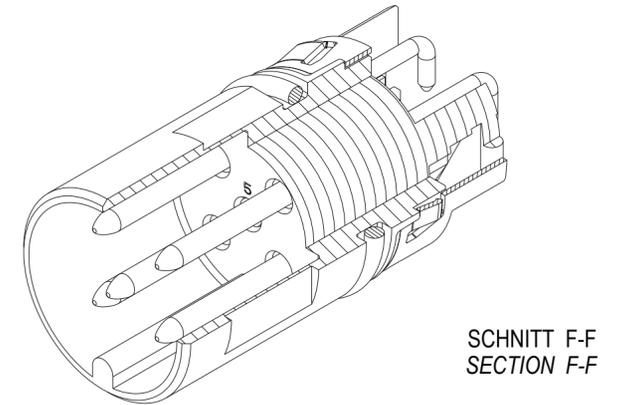
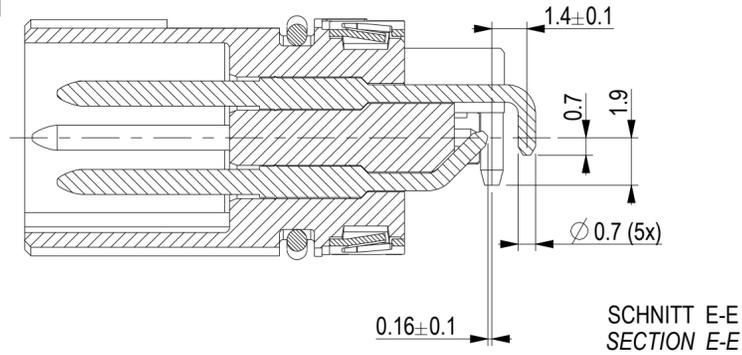
Layoutempfehlung siehe 225321  
*Recommended pcb layout see 225321*

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

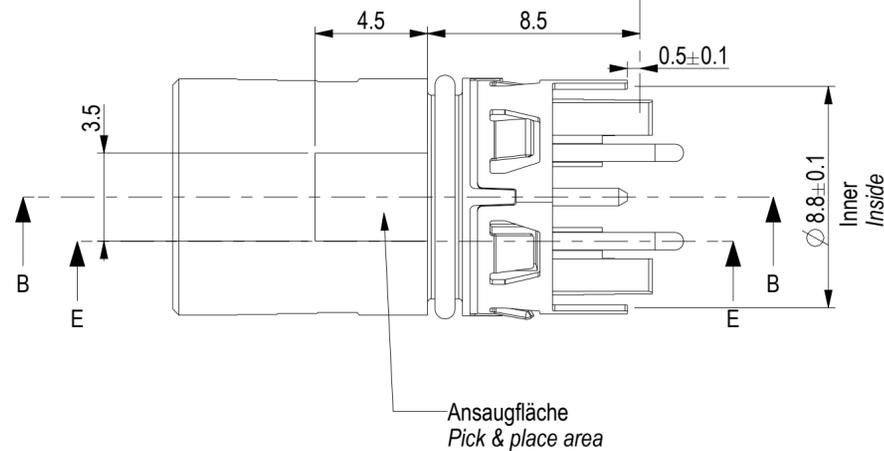
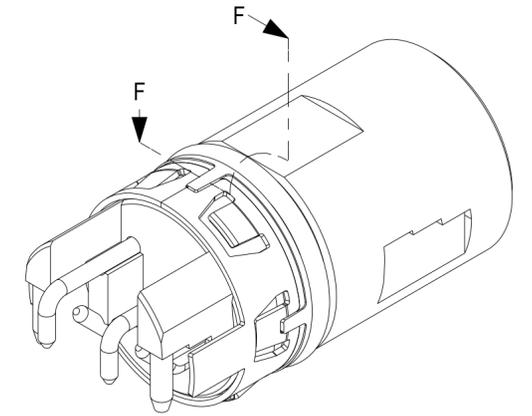
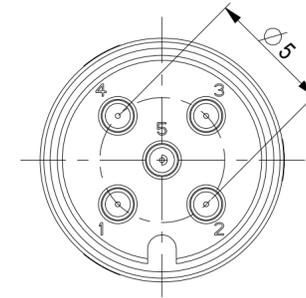
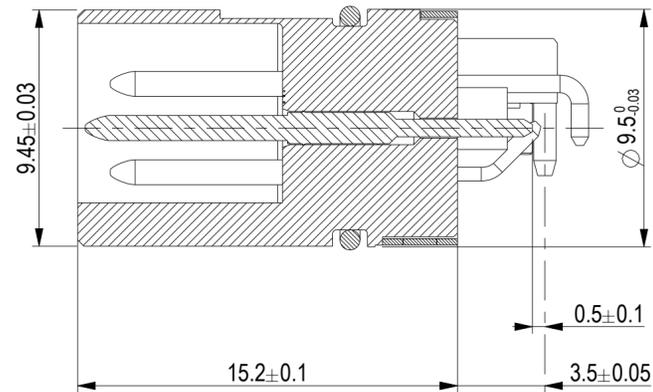
Information  All rights reserved. Only for information. To ensure that this is the latest version of this drawing, please contact one of the ERNI companies before using.	Tolerances  Subject to modification without prior notice. Drawing will not be updated.	Scale 5:1	Designation 4 polige Version / 4 pin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

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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 5 polige Version / 5 pin version Kontakt 5 vorend / early mate last break contact 5 <b>M12 90° M A THR Rückmontage</b> <b>M12 90° M A THR rear mount</b>	
Subject to modification without prior notice. Drawing will not be updated.				
www.ERNI.com		<b>225257</b>		I (4 / 4) A2
D	01.02.17	Class		M12
Index	Date			

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