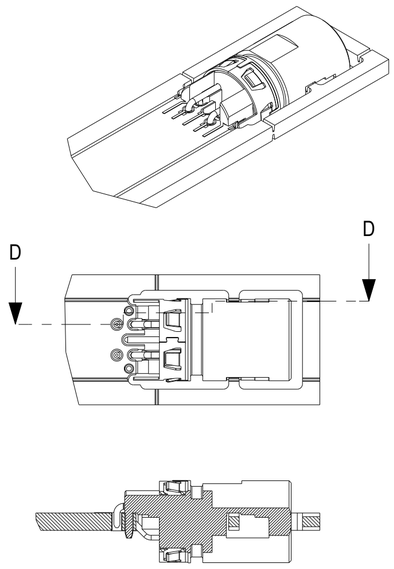
Leiterplatten Optionen / *PCB options*

Leiterplattendicke 2 mm
Layoutempfehlung siehe 225321

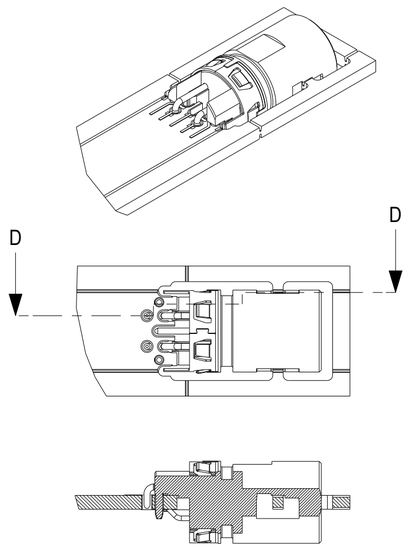
PCB thickness 2 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

Leiterplattendicke 1,6 mm
Layoutempfehlung siehe 225321

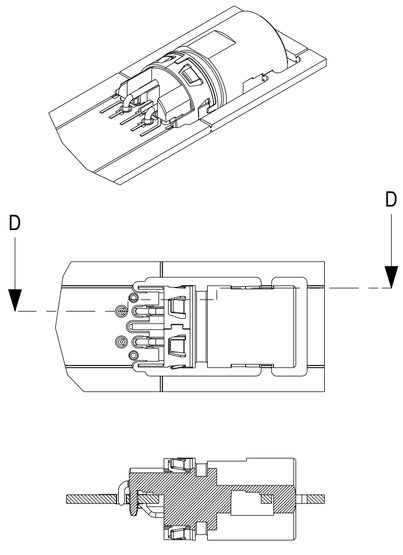
PCB thickness 1,6 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

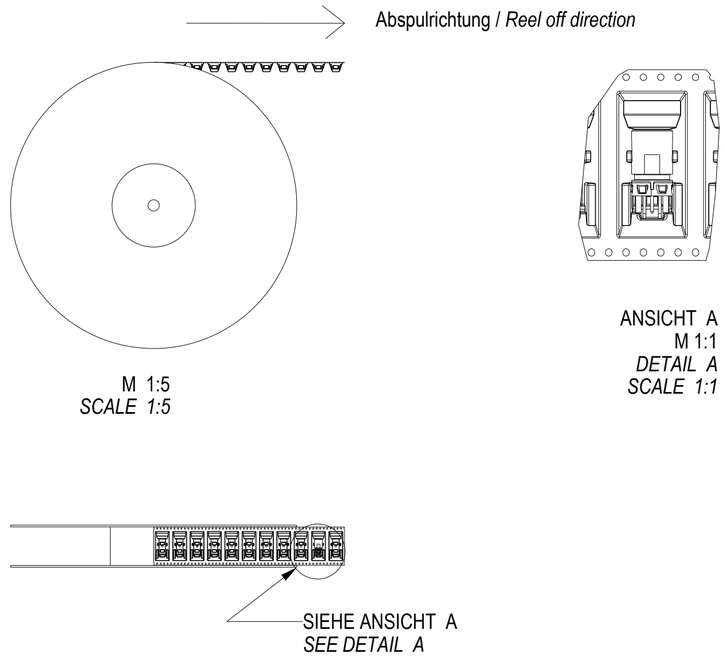
Leiterplattendicke 1 mm
Layoutempfehlung siehe 225321

PCB thickness 1 mm
For recommended dims see 225321



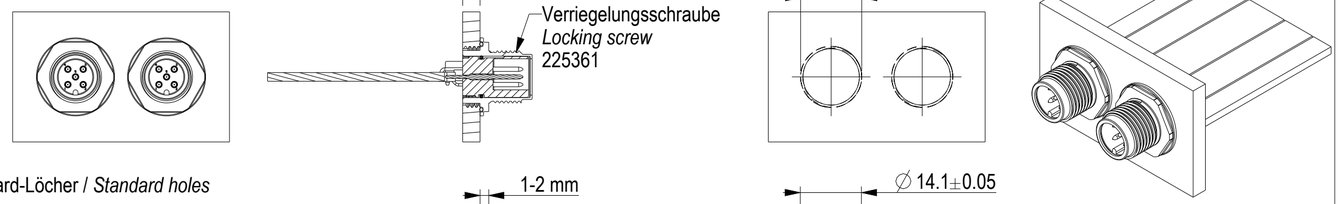
SCHNITT D-D
SECTION D-D

Verpackung / *Packaging tape and reel (T&R)*

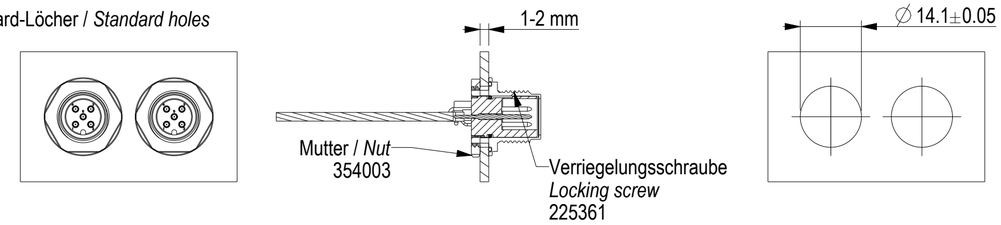


Anwendungsbeispiel / *Application example*

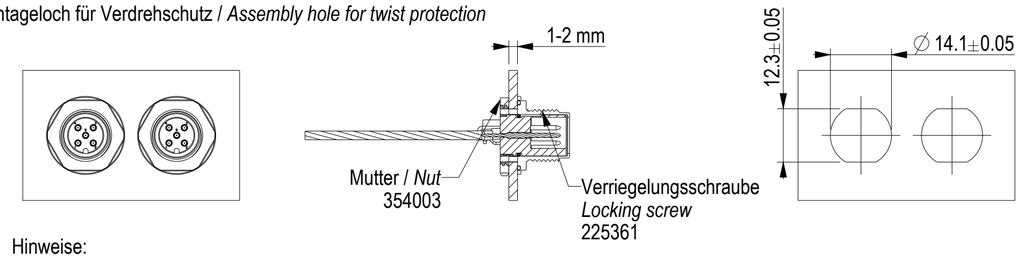
Gewinde-Löcher / *Thread holes*



Standard-Löcher / *Standard holes*



Montageloch für Verdrehschutz / *Assembly hole for twist protection*



Hinweise:
Für den O-Ring ist eine Einführschrage 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.

Maßempfehlung für Gehäuseintegration siehe 225406
Recommended dimensions for integration in housing see 225406

Technische Daten siehe Document 225407
Technical data see document 225407

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*
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	

Information

Tolerances

All Dimensions in mm

Scale 2:1

Designation alle Varianten / *all versions*

M12 90° M A THR Rückmontage
M12 90° M A THR rear mount

225257

I (1 / 4) A2

Class M12

D 01.02.17
Index Date

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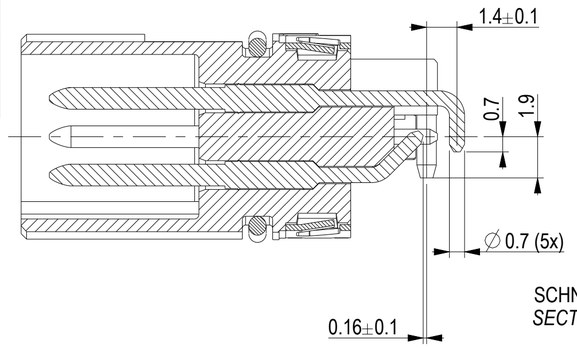
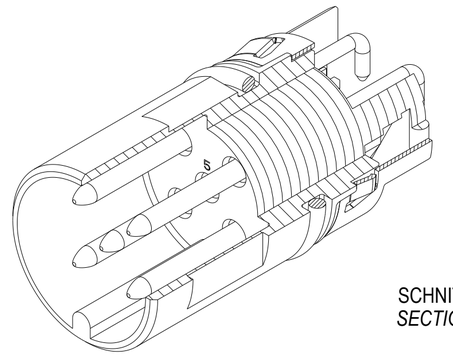
ERNI www.ERNI.com

Ident-Nr. *Ident-No.*	O-ring *O-ring*	Schirm *Shield*	Verguß *Potting*
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

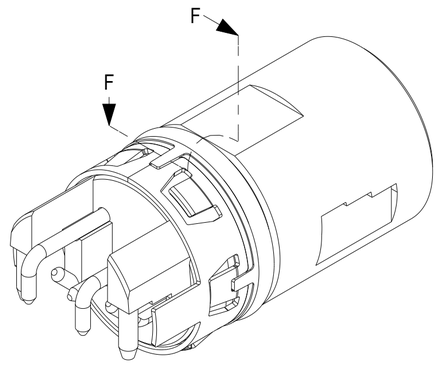
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring

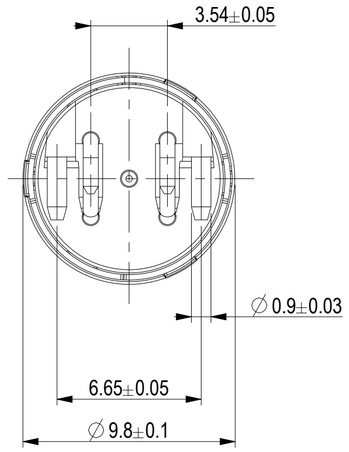


SCHNITT E-E
SECTION E-E

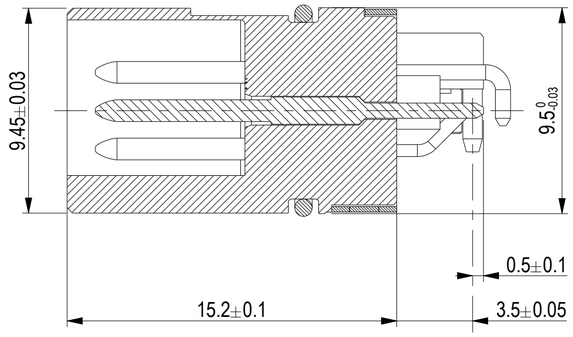


SCHNITT F-F
SECTION F-F

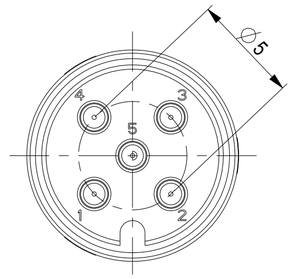


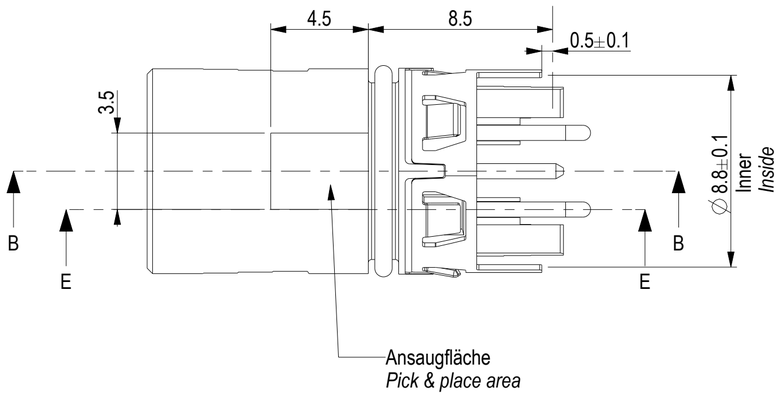


Gemessen über Schirmkontakte
Measured over shield contacts



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

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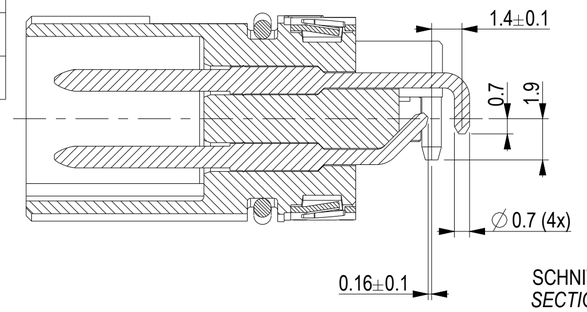
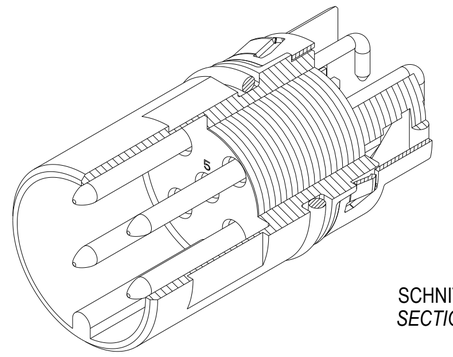
D 01.02.17 Index Date	ERNI www.ERNI.com	225257	I (2 / 4) A2
		Class M12	

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

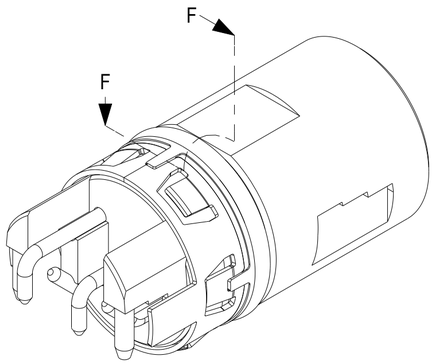
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring

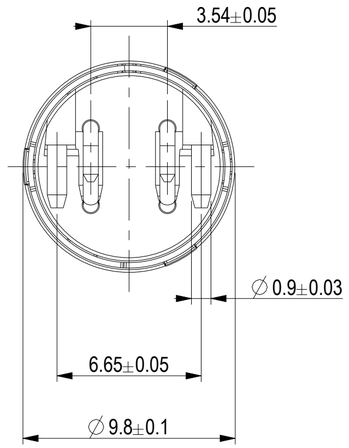


SCHNITT E-E
SECTION E-E

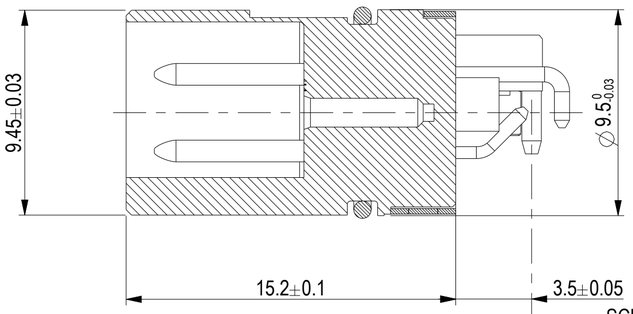


SCHNITT F-F
SECTION F-F

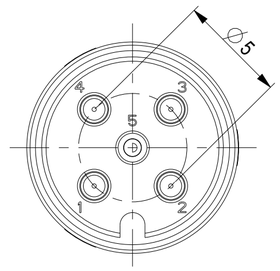


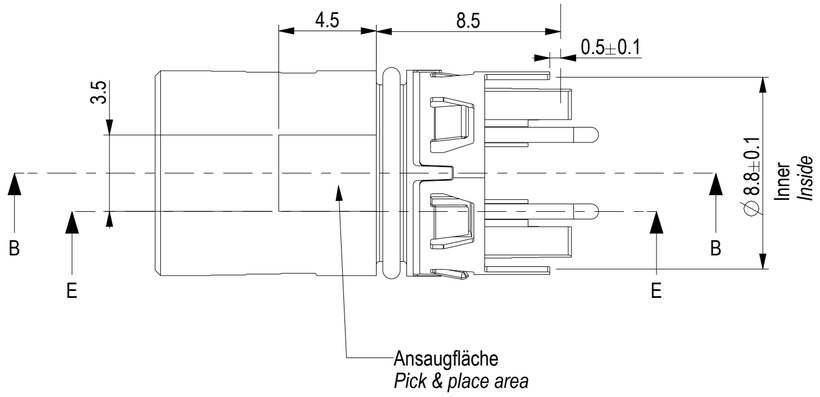


Gemessen über Schirmkontakte
Measured over shield contacts



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

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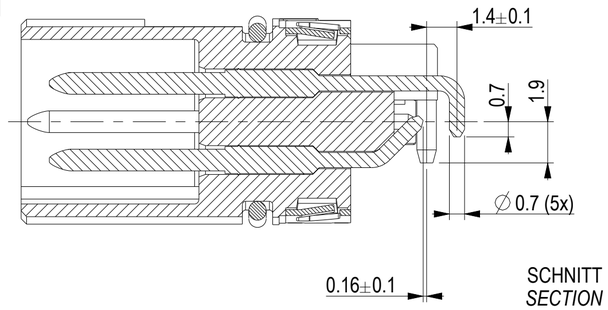
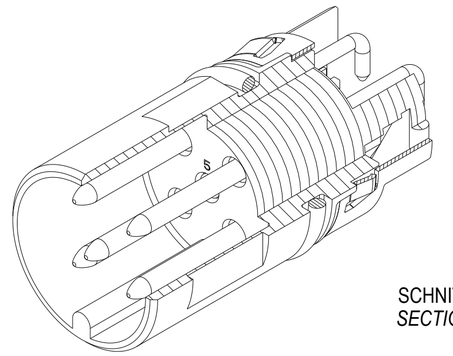
D 01.02.17 Index Date	ERNI www.ERNI.com	225257	I (3 / 4) A2
		Class M12	

Ident-Nr. *Ident-No.*	O-ring *O-ring*	Schirm *Shield*	Verguß *Potting*
225253	no	no	recommended
225256	no	yes	not needed

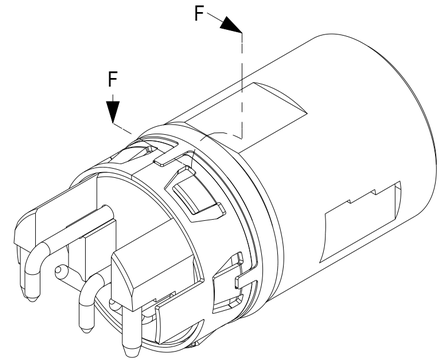
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring

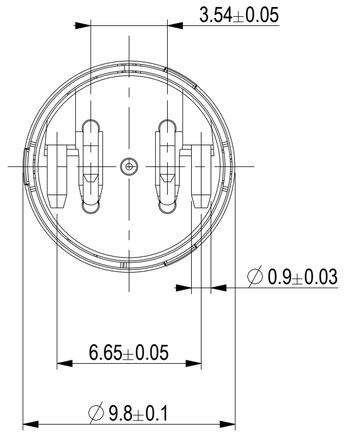


SCHNITT E-E
SECTION E-E

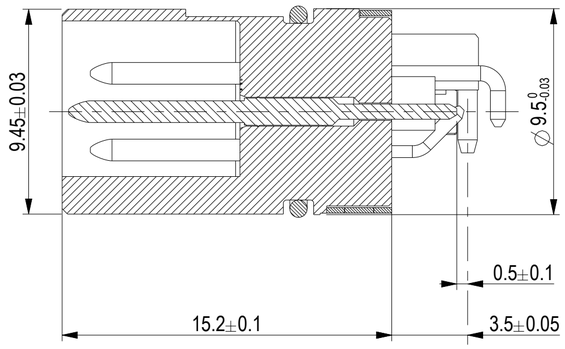


SCHNITT F-F
SECTION F-F

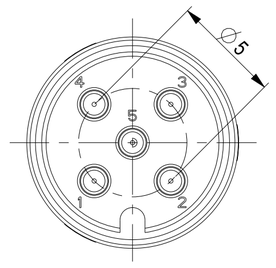


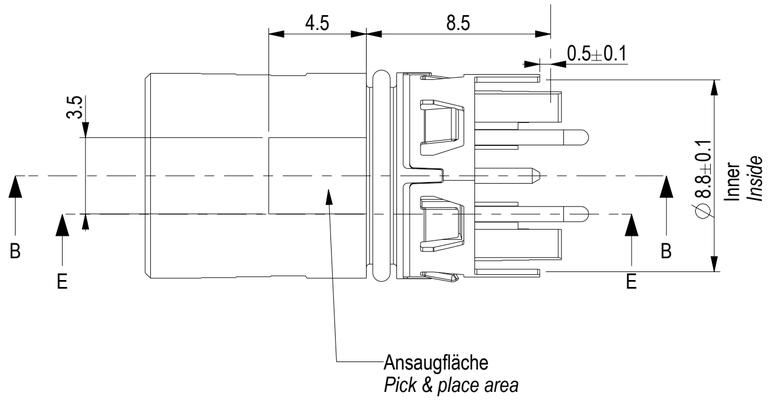


Gemessen über Schirmkontakte
Measured over shield contacts



SCHNITT B-B
SECTION B-B





Layoutempfehlung siehe 225321
Recommended pcb layout see 225321

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Mating face acc. IEC 61076-2-101

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D 01.02.17 Index Date	ERNI www.ERNI.com	225257	I (4 / 4) A2
		Class M12	

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Тел: +7 (812) 336 43 04 (многоканальный)
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