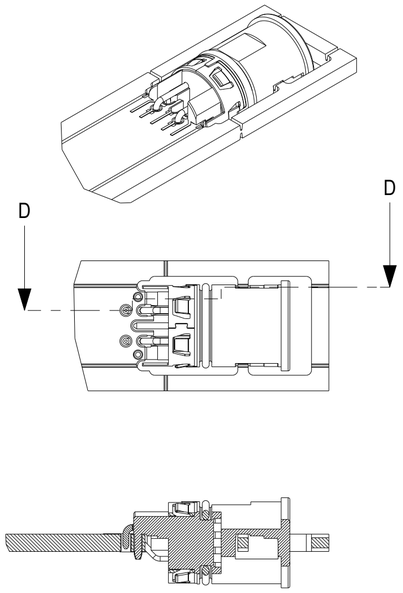
Leiterplatten Optionen / *PCB options*

Leiterplattendicke 2 mm
Layoutempfehlung siehe 225321

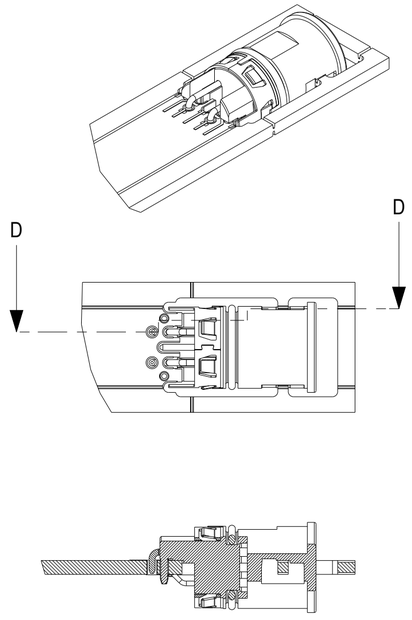
PCB thickness 2 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

Leiterplattendicke 1,6 mm
Layoutempfehlung siehe 225321

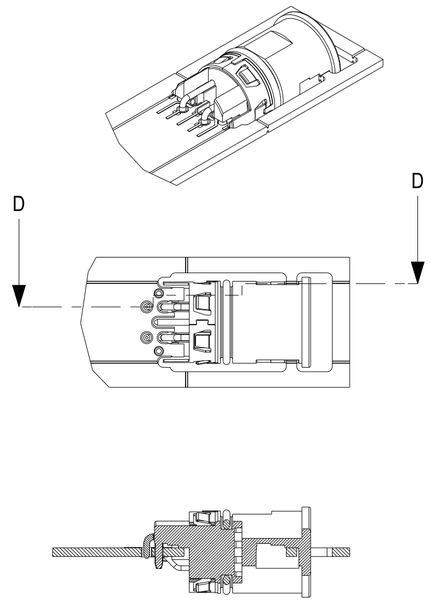
PCB thickness 1,6 mm
For recommended dims see 225321



SCHNITT D-D
SECTION D-D

Leiterplattendicke 1 mm
Layoutempfehlung siehe 225321

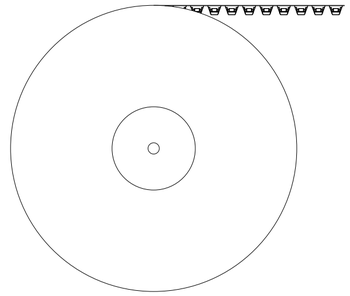
PCB thickness 1 mm
For recommended dims see 225321



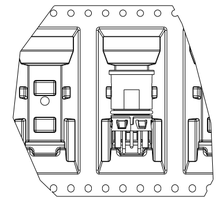
SCHNITT D-D
SECTION D-D

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

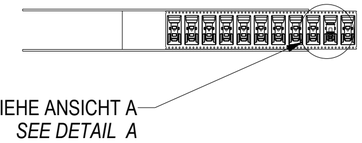
Abspulrichtung / *Reel off direction*



M 1:5
SCALE 1:5



ANSICHT A
M 1:1
DETAIL A
SCALE 1:1



SIEHE ANSICHT A
SEE DETAIL A

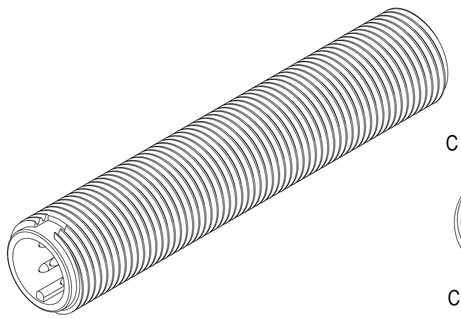
VPE: 250 Stück
PU: 250 pcs.

Technische Daten siehe Document 225407
Technical data see document 225407

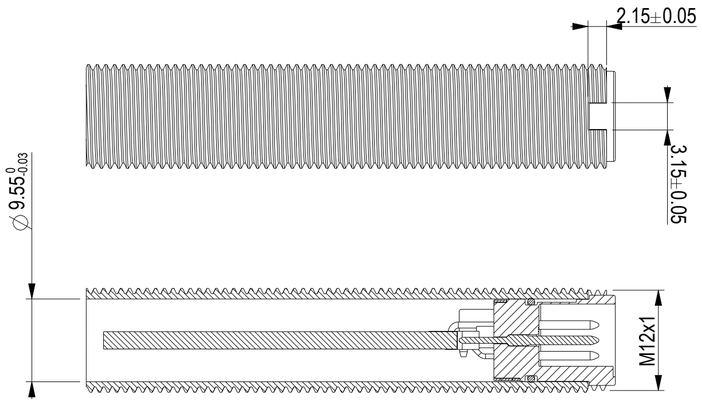
Anwendungsbeispiel / *Application example*

Hinweise:
Für den O-Ring ist eine 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.



Version mit Verdrehschutz
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*	Verdrehschutz *Antitwist option*	Schirm *Shield*	O-ring *O-ring*	Polzahl *No. pins*	Kontakt Nr. *Contact No.*	Verpackung *Packaging*	Bemerkung *Remarks*

Information
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Tolerances

All Dimensions in mm

Scale 2:1

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Designation alle Varianten / *all versions*

M12 90° M A THR Frontmontage
M12 90° M A THR front mount

ERNI www.ERNI.com

225250

I (1 / 4)

A2

Index		Date
B		06.10.17

Class M12

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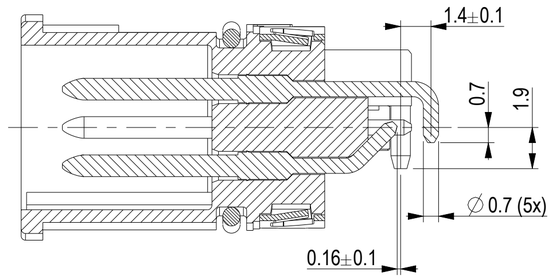
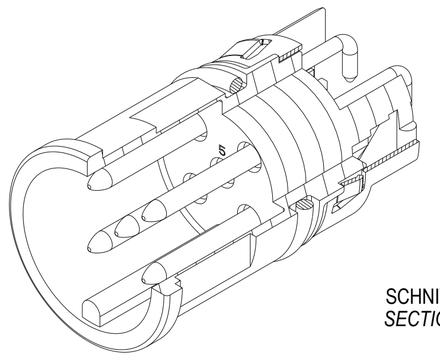
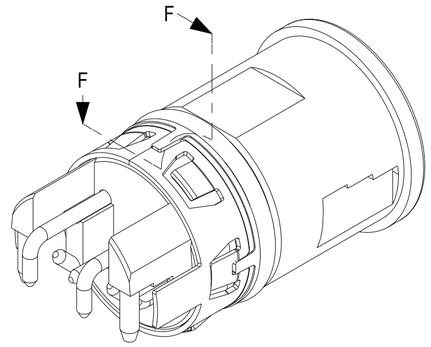
Ident-Nr. *Ident-No.*	O-ring *O-ring*	Schirm *Shield*	Verdrehschutz *Antitwist option*	Verguß *Potting*
225242	yes 7.2x0.8	no	no	needed
225246	yes 7.2x0.8	yes	no	recommended
225515	yes 7.2x0.8	no	yes	not needed
225518	yes 7.2x0.8	yes	yes	not needed

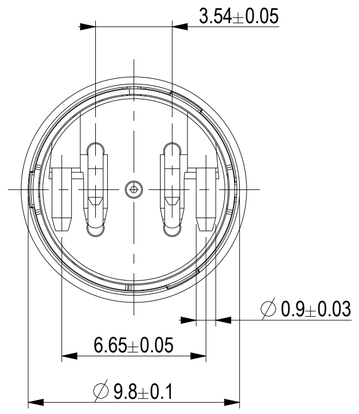
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring





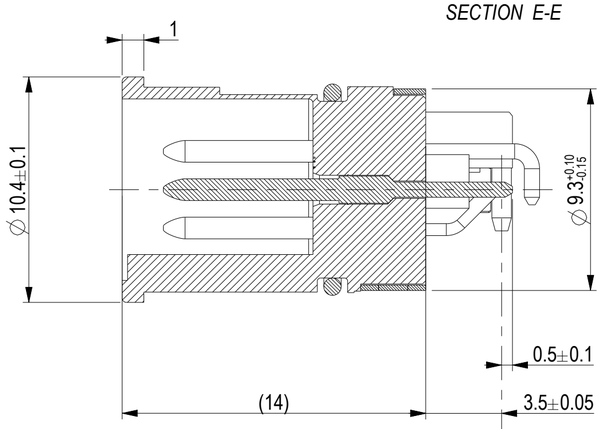
SCHNITT F-F
SECTION F-F

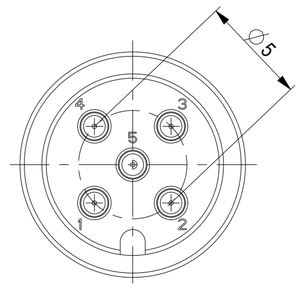




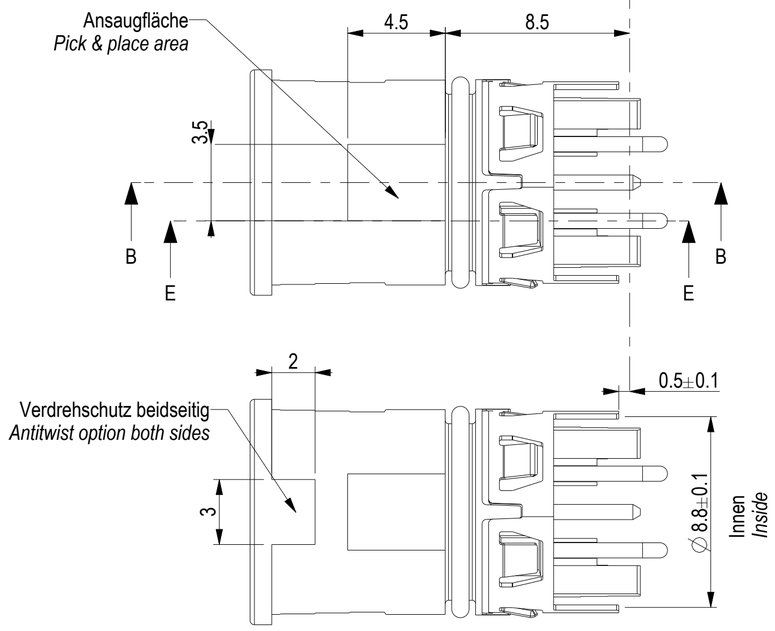
Gemessen über Schirmkontakte
Measured over shield contacts

SCHNITT E-E
SECTION E-E





SCHNITT B-B
SECTION B-B



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

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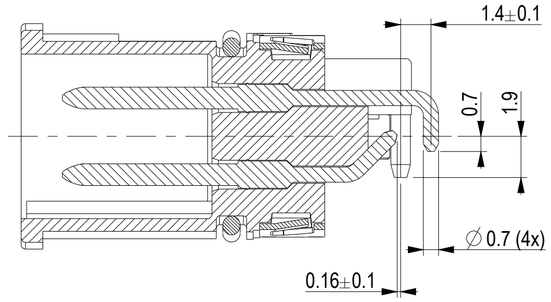
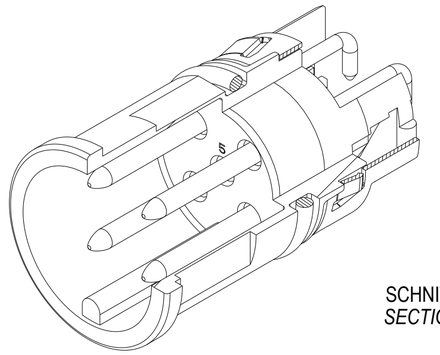
B 06.10.17 Index Date	ERNI www.ERNI.com	225250	I (2 / 4) A2
		Class M12	

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

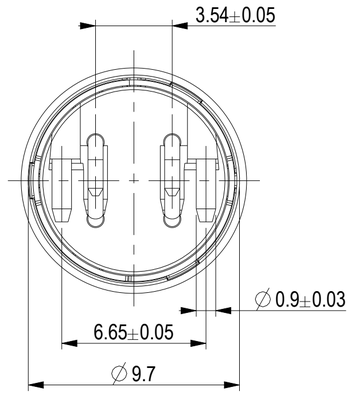
Darstellung mit Schirm und O-Ring
Drawn with shield and O-ring



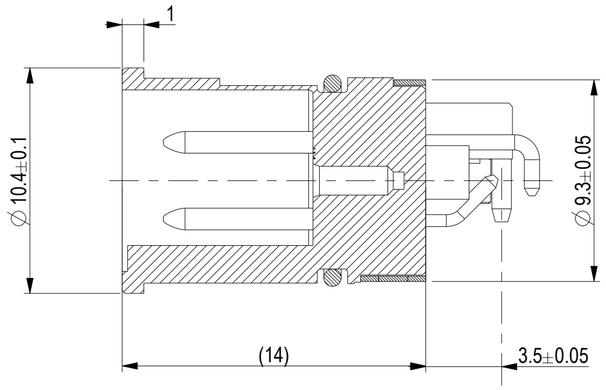
SCHNITT E-E
SECTION E-E



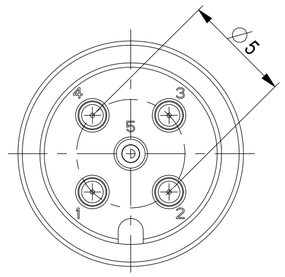
SCHNITT F-F
SECTION F-F

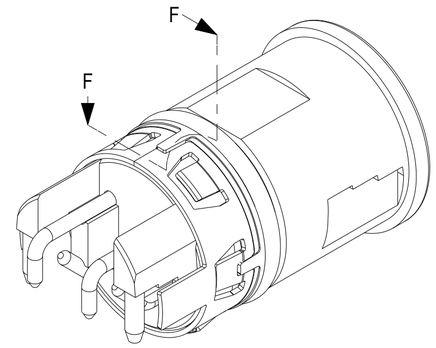


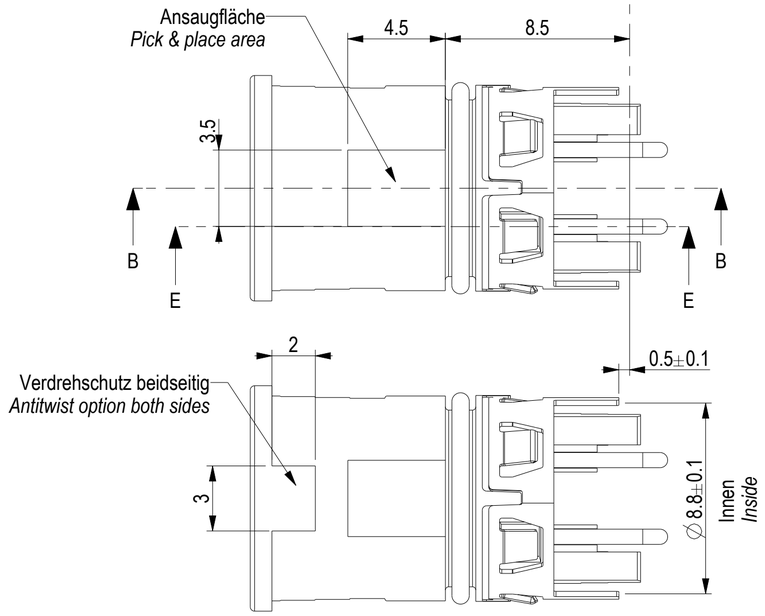
Gemessen über Schirmkontakte
Measured over shield contacts



SCHNITT B-B
SECTION B-B







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Mating face acc. IEC 61076-2-101

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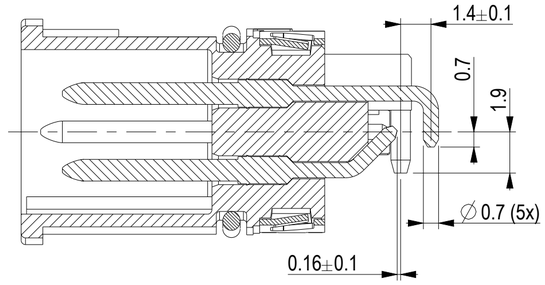
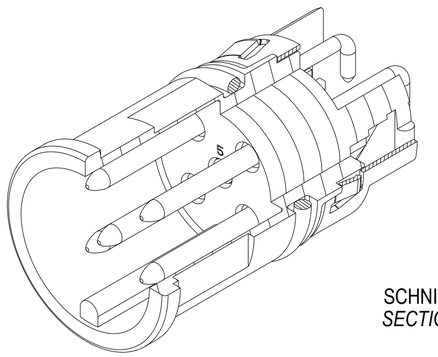
B 06.10.17 Index Date	ERNI www.ERNI.com	225250	I (3 / 4) A2
		Class M12	

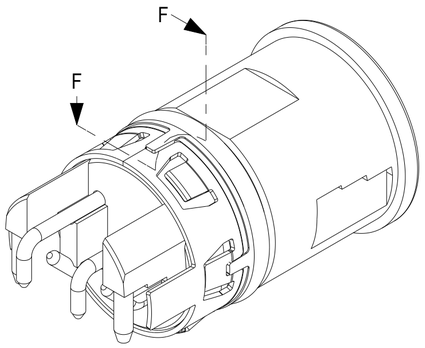
Ident-Nr. *Ident-No.*	O-ring *O-ring*	Schirm *Shield*	Verdrehschutz *Antitwist option*	Verguß *Potting*
225245	yes 7.2x0.8	no	no	needed
225249	yes 7.2x0.8	yes	no	recommended

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

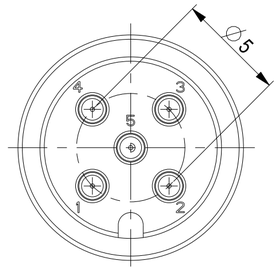


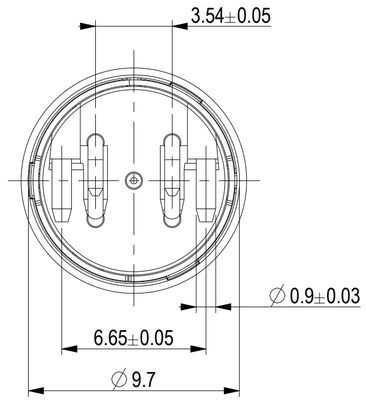


SCHNITT F-F
SECTION F-F

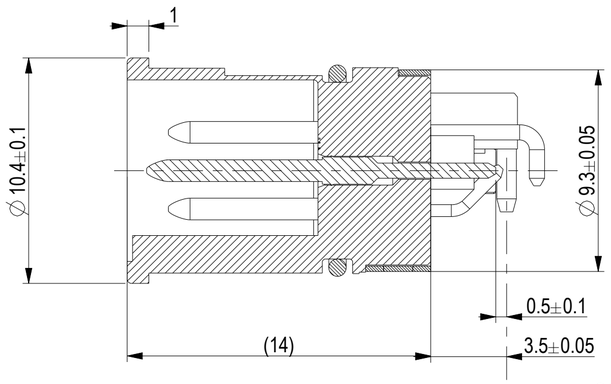


SCHNITT E-E
SECTION E-E

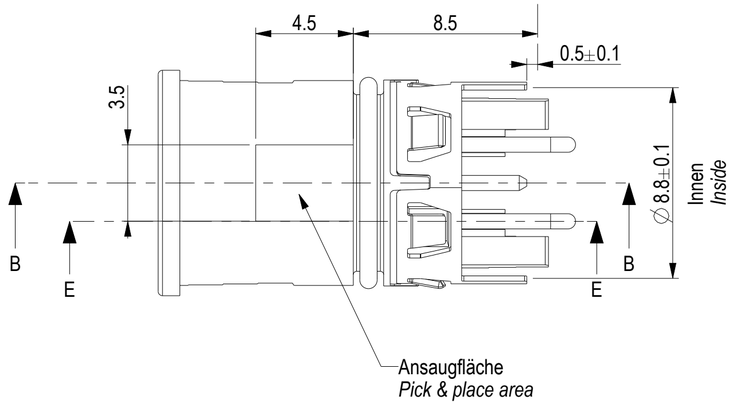




Gemessen über Schirmkontakte
Measured over shield contacts



SCHNITT B-B
SECTION B-B



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Mating face acc. IEC 61076-2-101

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B 06.10.17 Index Date	ERNI www.ERNI.com	225250	I (4 / 4) A2
		Class M12	

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ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

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- *Техническую поддержку проекта.*
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Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

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