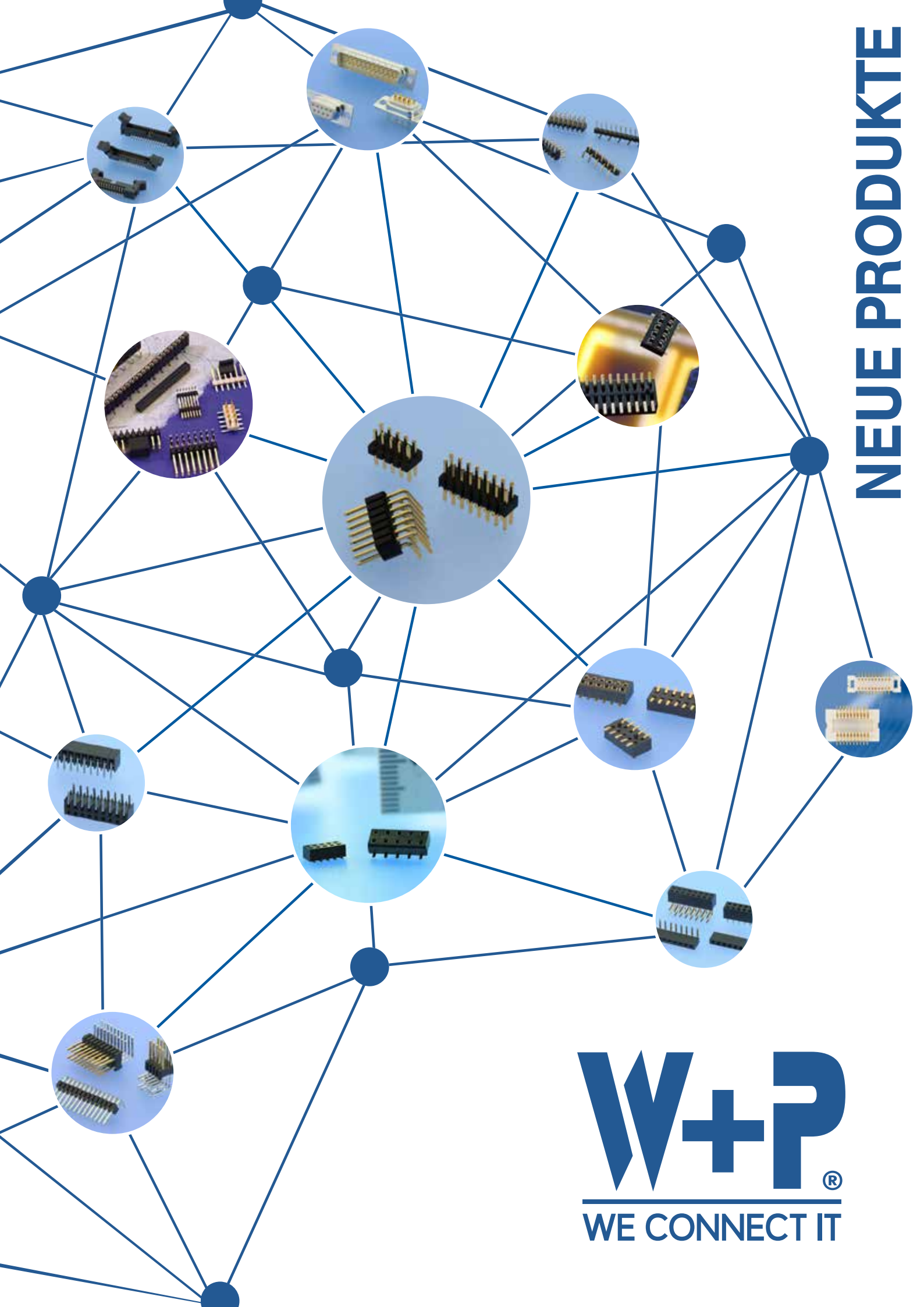


NEUE PRODUKTE



W+P[®]
WE CONNECT IT

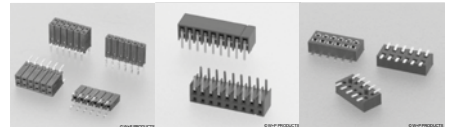


Unsere Produkte Our Products

Stiftleisten in Rastermaßen 1,00 bis 2,54mm
Pin Headers in Pitches from 1.00 to 2.54mm



Buchsenleisten in Rastermaßen 1,27 bis 5,08mm
Female Headers from 1.27 to 5.08mm



Flachbandkabelverbindungen
Flat Cable Connections



Kabel-zu-Leiterplatten Verbinder in Rastermaßen 1,25 bis 9,00mm
Wire-to-Board Connectors in Pitches from 1.25 to 9.00mm



IDC-Steckverbinder
IDC Connectors



Leiterplatten-zu-Leiterplatten Verbinder
Board-to-Board Connectors



LED Verbinder Anschlussleitung
LED Connectors Cable Assembly



Netzwerkkabel
Network Cables



W+P ist Ihr Partner für zuverlässige Steckverbinderlösungen rund um die Leiterplatte. Mit einem vielfältigen Produktportfolio im Standardbereich und einem reichen Erfahrungsschatz für maßgeschneiderte Applikationen finden wir auch für Sie die ideale Lösung!

Unser Produktneuheiten-Katalog 2022 zeigt unsere neuen Artikel und soll als Ergänzung zu unserem Hauptkatalog oder unserer Shortform dienen. Es ist mit Sicherheit auch für Sie das ein oder andere interessante Produkt dabei. Passt keines unserer Katalogprodukte? Wir freuen uns, auch Ihnen unser Know-How als Projektpartner zur Entwicklung kundenspezifischer Bauteile zur Verfügung zu stellen.

Wie können wir Sie unterstützen? Lassen Sie uns gemeinsam die für Sie ideale Lösung finden, bitte sprechen Sie uns an, Tel.: 05223 9850 70 oder sales@wppro.com

W+P is your partner for reliable connector solutions with focus on PCB applications. With our varied portfolio in standard versions and a wide expert knowledge in customized components, we will also find the optimized solution for you.

This brochure 2022 shows our new articles of the last year. It is a supplement to our main catalog or our short form. For sure the one or the other product will be interesting for you. We would be glad to apply our know-how as a project partner for tailor-made applications, if you cannot find suitable catalogue based components.

How can we assist you? Let us jointly find the ideal solution, please feel free to contact us, phone: 0049 5223 9850 70 or sales@wppro.com



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TEL +49 5223 98507-0
FAX +49 5223 98507-50



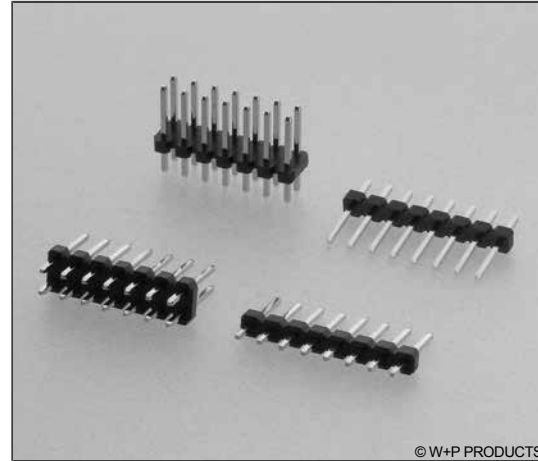
E-MAIL sales@wppro.com
WEBSITE www.wppro.com

46-921 / 46-922

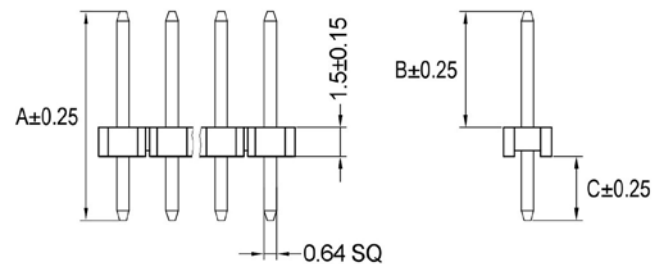
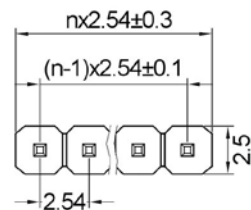
Stiftleisten RM 2,54mm, gerade, 1/-2-reihig – 1,5mm Isolierkörper
Pin Headers, 2.54mm Pitch, Straight, Single/Double Row – 1.5mm Body

Technische Daten / Technical Data

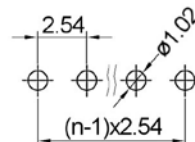
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	Serie 46-921 260 °C für 5 sec. / 230 °C für 30~60 sec. Serie 46-922 260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	Serie 46-921 260 °C for 5 sec. / 230 °C for 30~60 sec. Serie 46-922 260 °C for 10 sec. / 230 °C for 30~60 sec.



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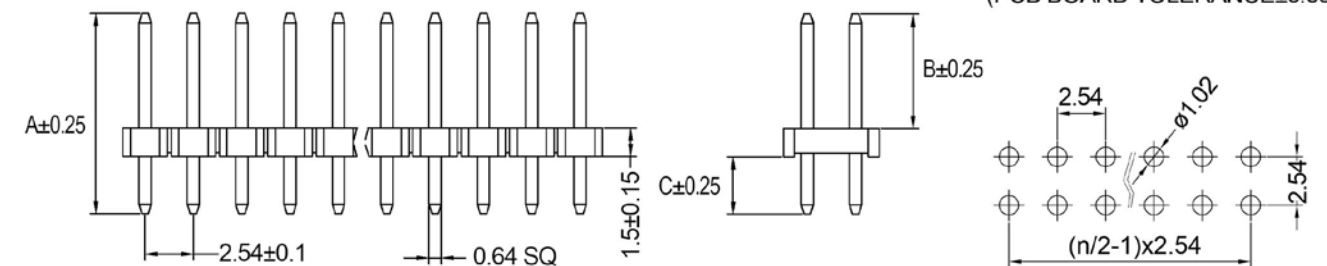
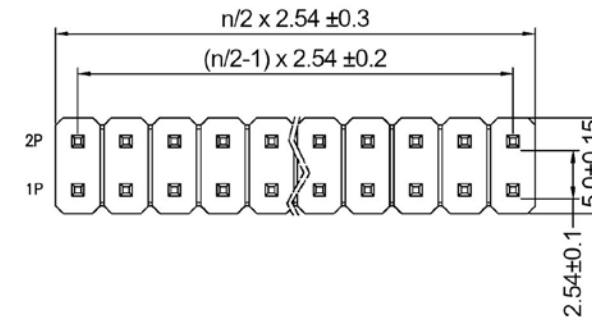
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Dimensions*	Contacts*	Plating
46-921	12	04	00
	10 A=10.20 B=6.20 C=2.50mm 11 A=10.80 B=6.80 C=2.50mm 12 A=11.30 B=6.50 C=3.30mm 13 A=12.60 B=7.80 C=3.30mm 14 A=13.90 B=9.10 C=3.30mm 15 A=14.70 B=9.90 C=3.30mm 16 A=17.70 B=12.90 C=3.30mm 17 A=19.80 B=15.00 C=3.30mm 18 A=21.60 B=16.80 C=3.30mm 19 A=22.80 B=18.00 C=3.30mm 20 A=24.90 B=20.10 C=3.30mm Weitere Stiftlängen auf Anfrage More pin length options on request	001-030 Einreihig Single row	00 Vergoldet Gold plated

46-921 / 46-922

Stiftleisten RM 2,54mm, gerade, 1/-2-reihig – 1,5mm Isolierkörper
Pin Headers, 2.54mm Pitch, Straight, Single/Double Row – 1.5mm Body



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

Series	Dimensions*	Contacts*	Plating
46-922	10	010	00
	10 A=10.20 B=6.20 C=2.50mm 11 A=10.80 B=6.80 C=2.50mm 12 A=11.30 B=6.50 C=3.30mm 13 A=12.60 B=7.80 C=3.30mm 14 A=13.90 B=9.10 C=3.30mm 15 A=14.70 B=9.90 C=3.30mm 16 A=17.70 B=12.90 C=3.30mm 17 A=19.80 B=15.00 C=3.30mm 18 A=21.60 B=16.80 C=3.30mm 19 A=22.80 B=18.00 C=3.30mm 20 A=24.90 B=20.10 C=3.30mm Weitere Stiftlängen auf Anfrage More pin length options on request	004-060 Zweireihig Double row	00 Vergoldet Gold plated

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

wppro.com/serie-XXX
wppro.com/series-XXX

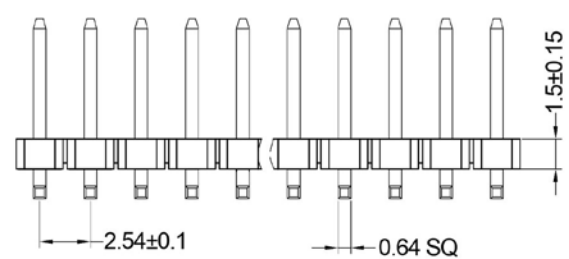
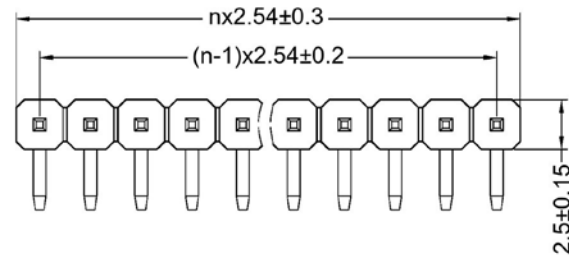
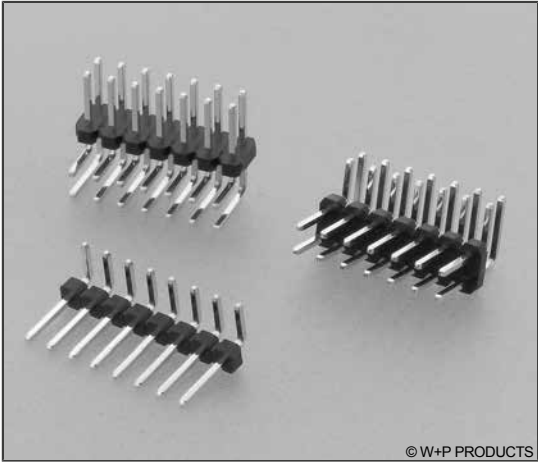
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

46-923 / 46-924

Stiftleisten RM 2,54mm, gewinkelt, 1/-2-reihig – 1,5mm Isolierkörper
Pin Headers, 2.54mm Pitch, Right-angled, Single/Double Row – 1.5mm Body

Technische Daten / Technical Data

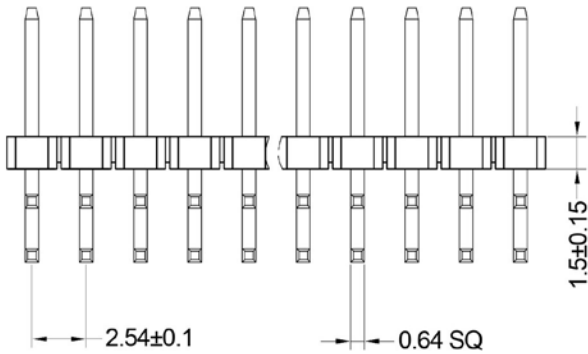
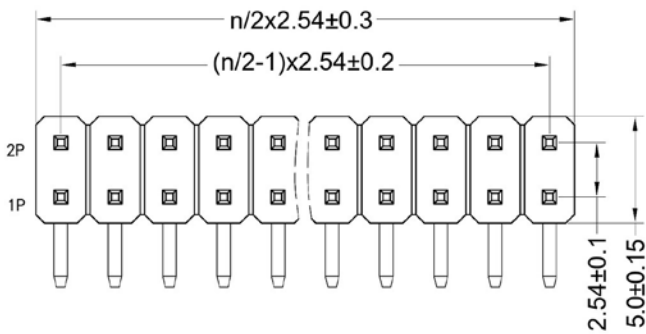
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



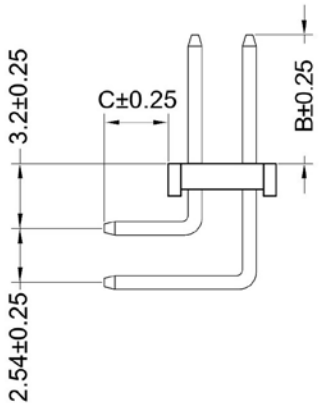
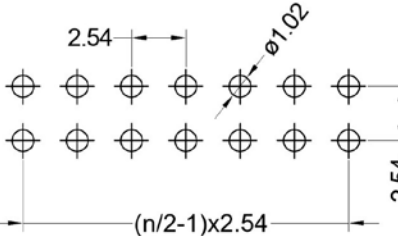
Series	Dimensions*	Contacts*	Plating
46-923	12	04	00
	12 B=3.50 C=3.30mm 13 B=4.80 C=3.30mm 14 B=6.10 C=3.30mm 15 B=6.90 C=3.30mm 16 B=9.90 C=3.30mm 17 B=12.00 C=3.30mm 18 B=13.80 C=3.30mm 19 B=15.00 C=3.30mm 20 B=17.10 C=3.30mm Weitere Stiftlängen auf Anfrage More pin length options on request	001-020 Einreihig Single row	00 Vergoldet Gold plated

46-923 / 46-924

Stiftleisten RM 2,54mm, gewinkelt, 1/-2-reihig – 1,5mm Isolierkörper
Pin Headers, 2.54mm Pitch, Right-angled, Single/Double Row – 1.5mm Body



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Dimensions*	Contacts*	Plating
46-924	14	010	00
	12 B=3.50 C=3.30mm 13 B=4.80 C=3.30mm 14 B=6.10 C=3.30mm 15 B=6.90 C=3.30mm 16 B=9.90 C=3.30mm 17 B=12.00 C=3.30mm 18 B=13.80 C=3.30mm 19 B=15.00 C=3.30mm 20 B=17.10 C=3.30mm Weitere Stiftlängen auf Anfrage More pin length options on request	004-040 Zweireihig Double row	00 Vergoldet Gold plated

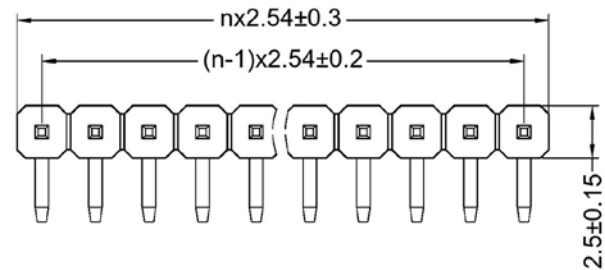
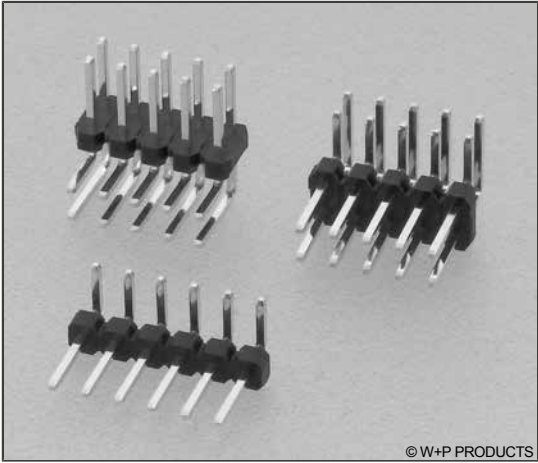
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

46-933 / 46-934

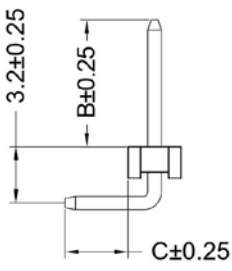
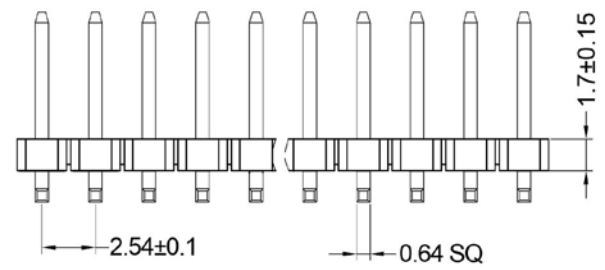
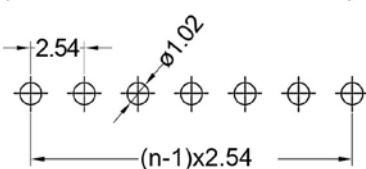
Stiftleisten RM 2,54mm, gewinkelt, 1/-2-reihig – 1,7mm Isolierkörper
Pin Headers, 2.54mm Pitch, Right-Angled, Single/Double Row – 1.7mm Body

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



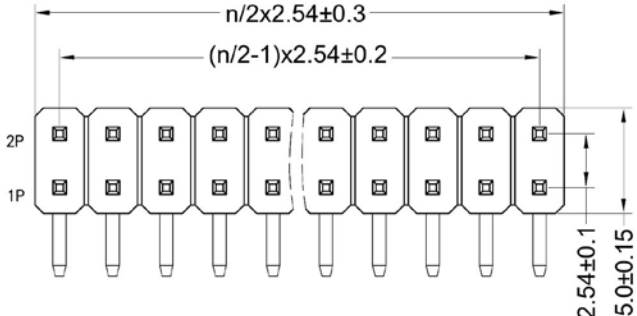
Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



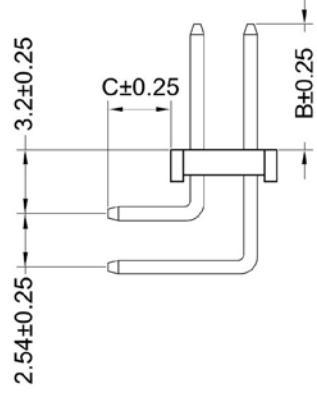
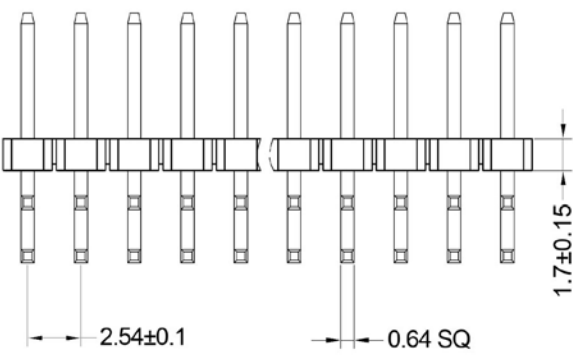
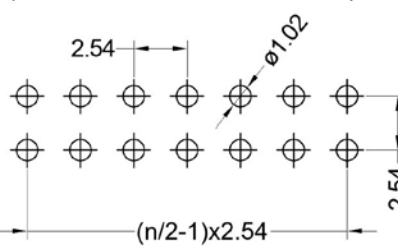
Series	Dimensions*	Contacts*	Plating
46-933	12	04	00
	12 B=3.50 C=3.30mm 13 B=4.80 C=3.30mm 14 B=6.10 C=3.30mm 15 B=6.90 C=3.30mm 16 B=9.90 C=3.30mm 17 B=12.00 C=3.30mm 18 B=13.80 C=3.30mm 19 B=15.00 C=3.30mm 20 B=17.10 C=3.30mm Weitere Stiftlängen auf Anfrage More pin length options on request	001-020 Einreihig Single row	00 Vergoldet Gold plated

46-933 / 46-934

Stiftleisten RM 2,54mm, gewinkelt, 1/-2-reihig – 1,7mm Isolierkörper
Pin Headers, 2.54mm Pitch, Right-Angled, Single/Double Row – 1.7mm Body



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Dimensions*	Contacts*	Plating
46-934	13	022	00
	12 B=3.50 C=3.30mm 13 B=4.80 C=3.30mm 14 B=6.10 C=3.30mm 15 B=6.90 C=3.30mm 16 B=9.90 C=3.30mm 17 B=12.00 C=3.30mm 18 B=13.80 C=3.30mm 19 B=15.00 C=3.30mm 20 B=17.10 C=3.30mm Weitere Stiftlängen auf Anfrage More pin length options on request	004-060 Zweireihig Double row	00 Vergoldet Gold plated

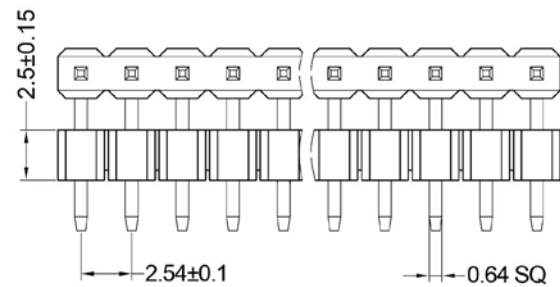
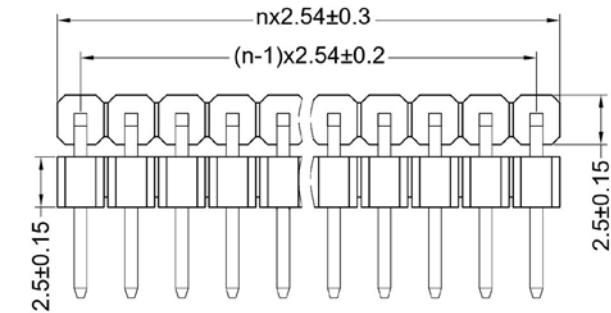
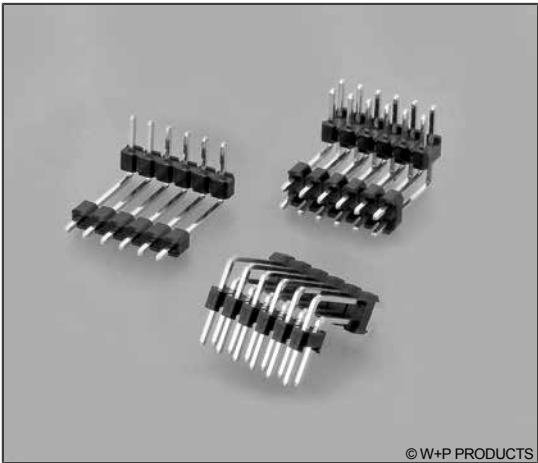
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

46-956 / 46-957

Sandwich-Stiftleisten RM 2,54mm, gewinkelt, 1/-2-reihig
Dual Body Pin Headers, 2.54mm Pitch, Right-angled, Single/Double Row

Technische Daten / Technical Data

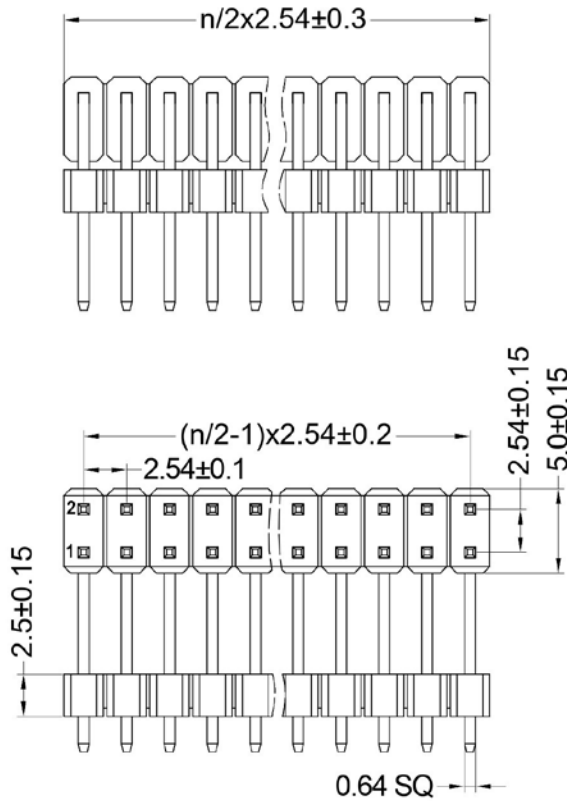
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



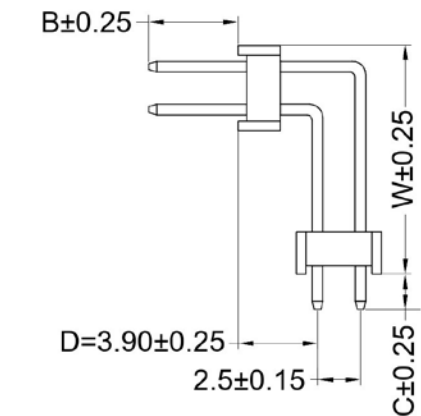
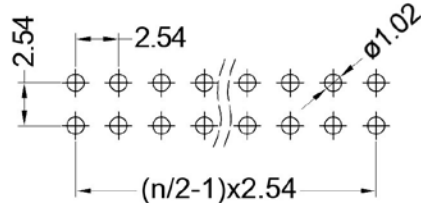
Series	Dimensions *	Contacts *	Plating
46-956	13	04	00
	12 B=4.60 C=3.30 D=3.90 W=13.50mm 13 B=4.80 C=3.30 D=3.90 W=16.80mm 99 Customer-specific Weitere Stiftlängen auf Anfrage More pin length options on request	001-020 Einreihig Single row	00 Vergoldet Gold plated

46-956 / 46-957

Sandwich-Stiftleisten RM 2,54mm, gewinkelt, 1/-2-reihig
Dual Body Pin Headers, 2.54mm Pitch, Right-angled, Single/Double Row



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Dimensions *	Contacts *	Plating
46-957	12	010	00
	12 B=4.60 C=3.30 D=3.90 W=13.50mm 13 B=4.80 C=3.30 D=3.90 W=16.80mm 99 Customer-specific Weitere Stiftlängen auf Anfrage More pin length options on request	004-050 Zweireihig Double row	00 Vergoldet Gold plated

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

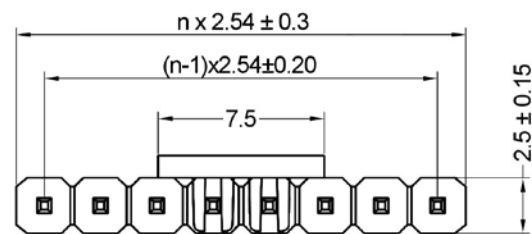
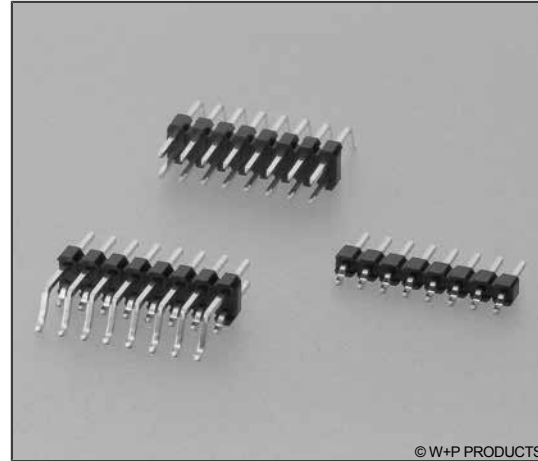
46-3931 / 46-3932

SMT-Stiftleisten RM 2,54mm, liegend, 1-/2-reihig

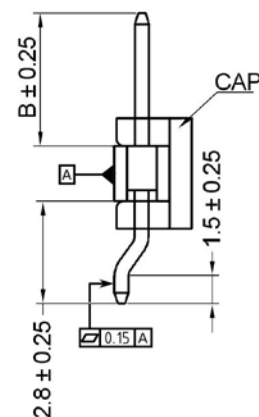
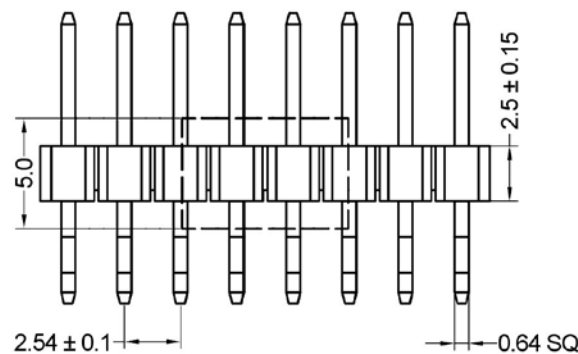
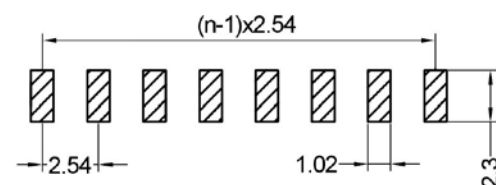
SMT Pin Headers, 2.54mm Pitch, Horizontal, Single/Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

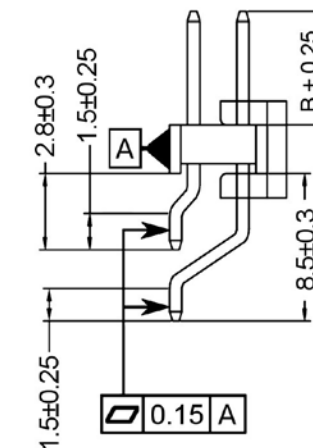
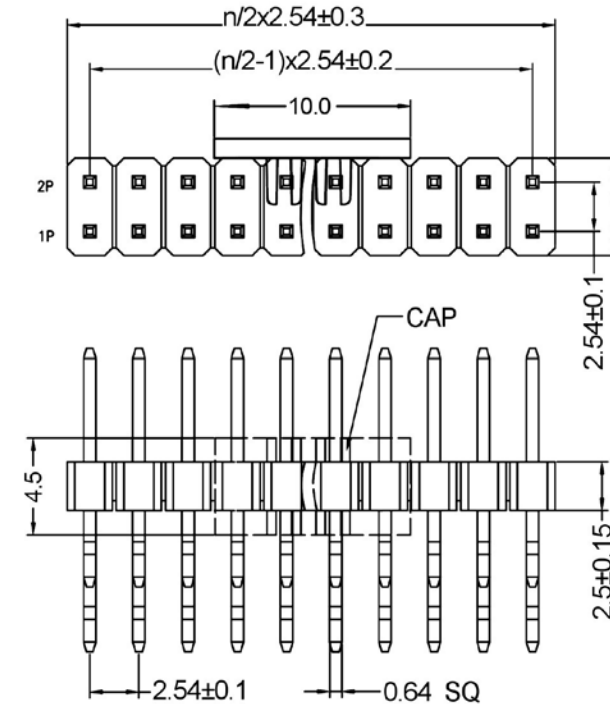
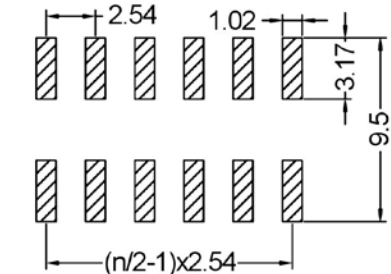


Series	Dimensions*	Contacts*	Plating	Packaging*
46-3931	11	008	00	PPST
	95 B=4.00mm 11 B=5.30mm 12 B=5.80mm 13 B=7.10mm 14 B=8.40mm	002-020 Einreihig Single row	00 Vergoldet Gold plated	ST PPST PPTR

46-3931 / 46-3932

SMT-Stiftleisten RM 2,54mm, liegend, 1-/2-reihig
SMT Pin Headers, 2.54mm Pitch, Horizontal, Single/Double Row

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Dimensions*	Contacts*	Plating	Packing
46-3932	12	020	00	PPST
	95 B=4.00mm 11 B=5.30mm 12 B=5.80mm 13 B=7.10mm 14 B=8.40mm	004-060 Zweireihig Double row	00 Vergoldet Gold plated	ST PPST PPTR

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / / Tape & Reel with P&P-Pads

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

wpro.com/serie-XXX
wpro.com/series-XXX

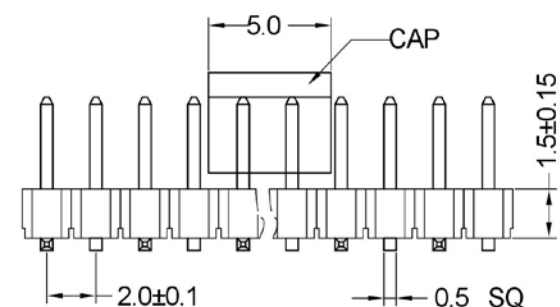
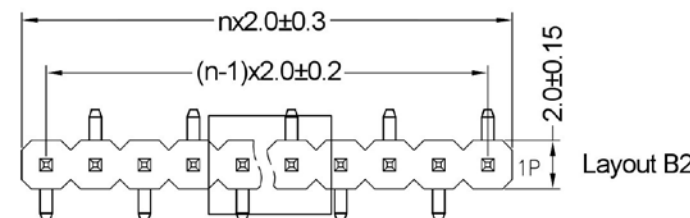
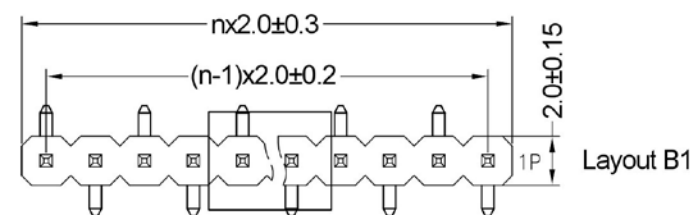
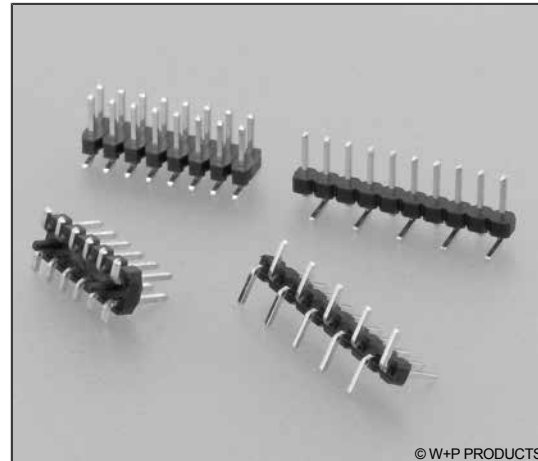
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

46-7351

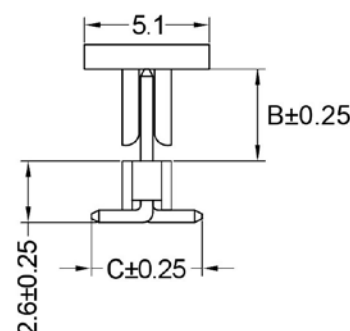
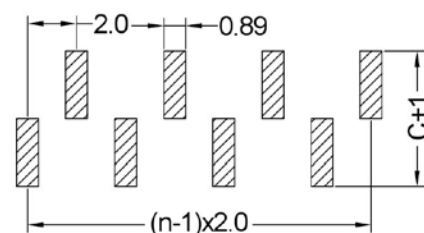
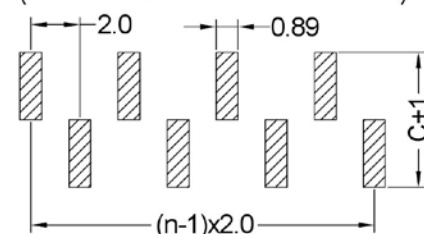
SMT-Stiftleisten RM 2,00mm, stehend, 1-/2-reihig
SMT Pin Headers, 2.00mm Pitch, Vertical, Single/Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1,5 A
Current Rating	1.5 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 5 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 5 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

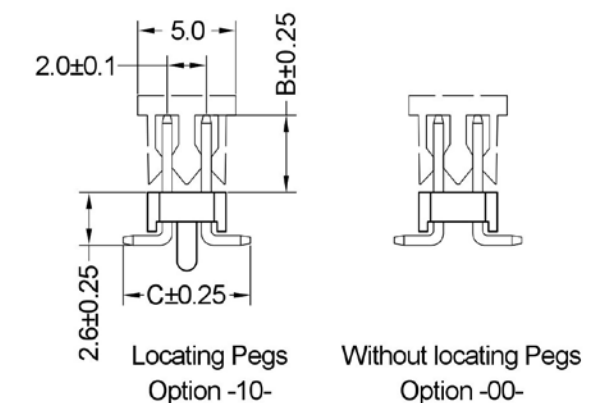
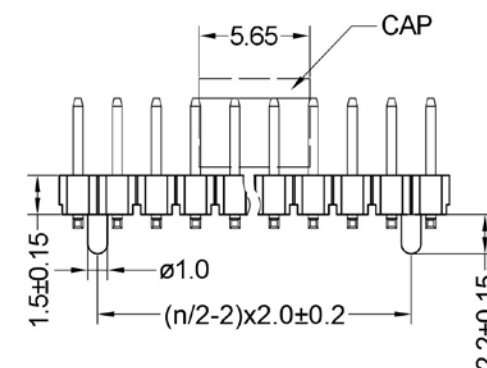
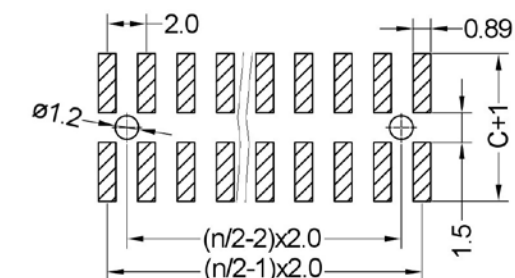
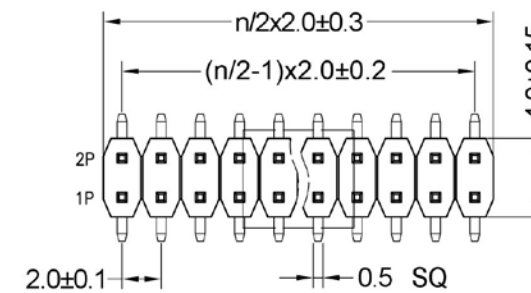


Series	Contacts*	Rows*	Dimensions*	Plating	Locating Pegs*	Packing*
46-7351	10 03-20	11 11 Einreihig B1 Single row B1 12 Einreihig B2 Single row B2	10 B=4.00 C=7.00mm 20 B=4.00 C=6.00mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated	00 Ohne Pos.hilfen W/o loc. pegs	ST PPST PPTR

46-7351

SMT-Stiftleisten RM 2,00mm, stehend, 1-/2-reihig
SMT Pin Headers, 2.00mm Pitch, Vertical, Single/Double Row

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Contacts*	Rows	Dimensions*	Plating	Locating Pegs*	Packaging*
46-7351	20 04-40 Zweireihig Double row	20 20 Zweireihig Double row	10 10 B=4.00 C=7.00mm 20 B=4.00 C=6.00mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated	00 Ohne Pos.hilfen W/o loc. pegs 10 Mit Pos.hilfen With loc. pegs	ST PPST PPTR

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

Lieferformen / Packaging Options:

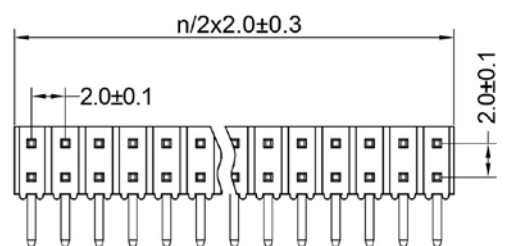
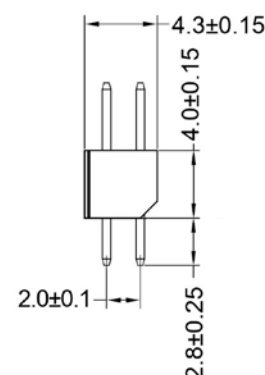
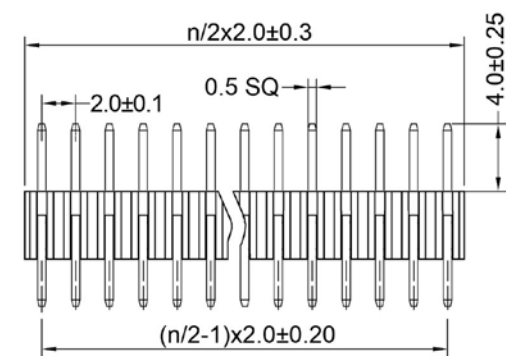
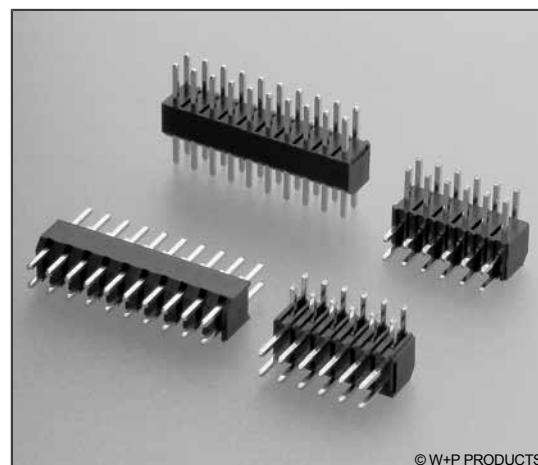
ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

46-317

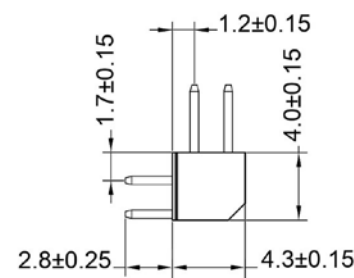
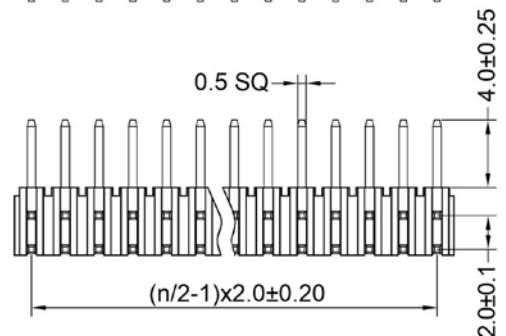
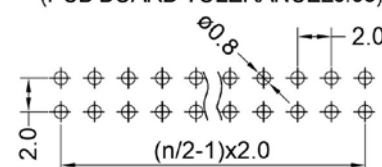
Stiftleisten RM 2.00mm, gerade/gewinkelt, 2-reihig - 4mm Bauhöhe
Pin Headers 2.00mm Pitch, Straight/Right-angled, Double Row - 4mm Profile

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontakttoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1,5 A
Current Rating	1.5 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 5 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 5 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts	Type*	Plating
46-317	26	20	00
	04-30 Zweireihig Double row	20 Gerade Straight 21 Gewinkelt Right-angled	00 Vergoldet Gold plated

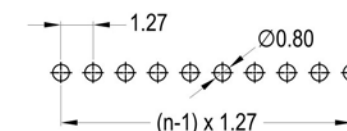
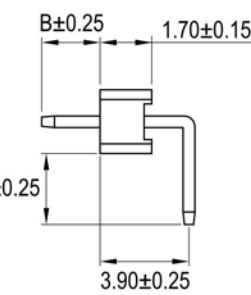
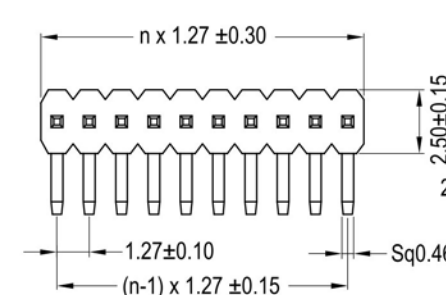
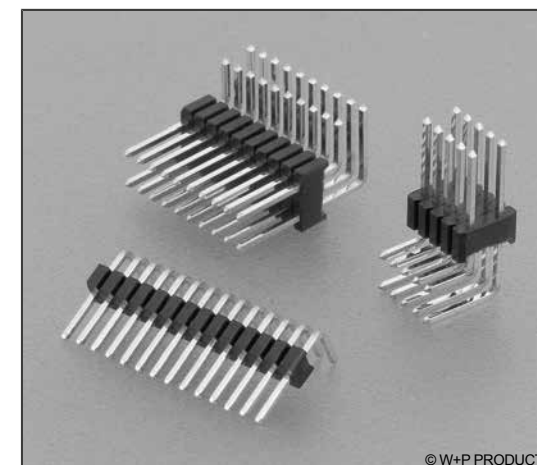
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-708

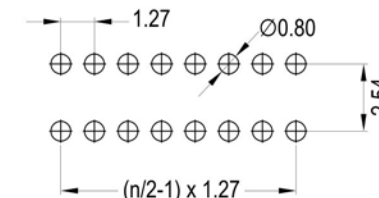
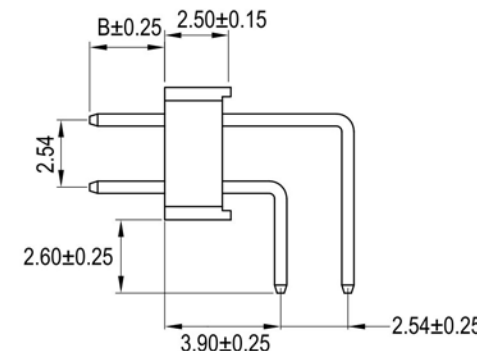
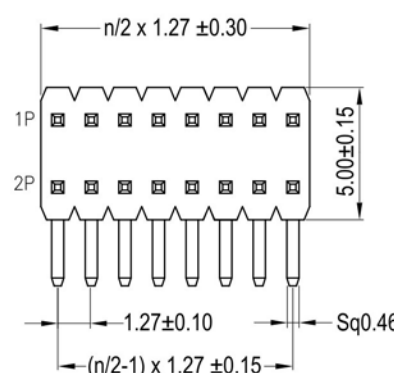
Stiftleisten RM 1,27x2,54mm, gewinkelt, 1-/2-reihig
Pin Headers, 1.27x2.54mm Pitch, Right-Angled, Single/Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontakttoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Recommended PCB Layouts
(PCB Board Tolerance ±0.05)



Series	Contacts*	Dimensions*	Rows*	Plating
46-708	014	12	1	00
	001-030 Einreihig Single row 002-100 Zweireihig Double row	12 B=2.80mm 13 B=4.00mm 14 B=6.00mm	1 Einreihig Single row 2 Zweireihig Double row	00 Vergoldet Gold plated

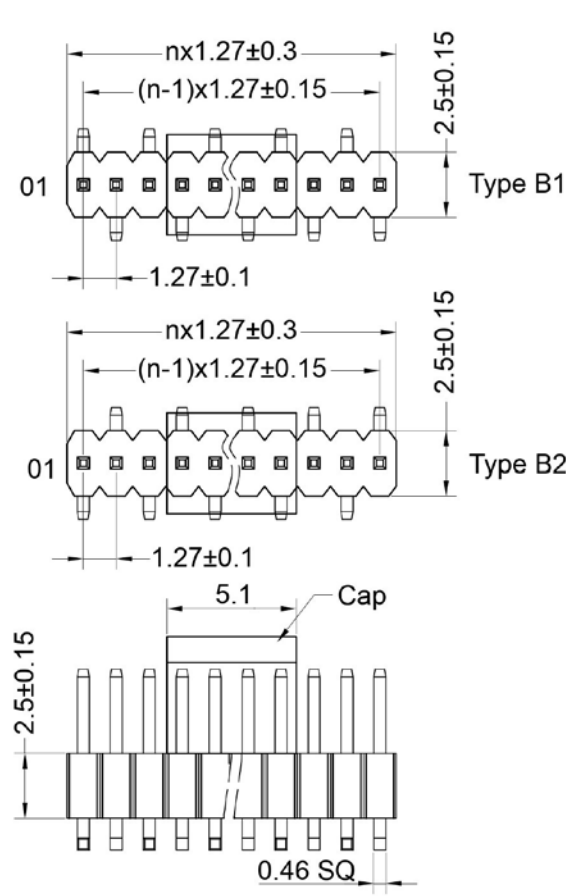
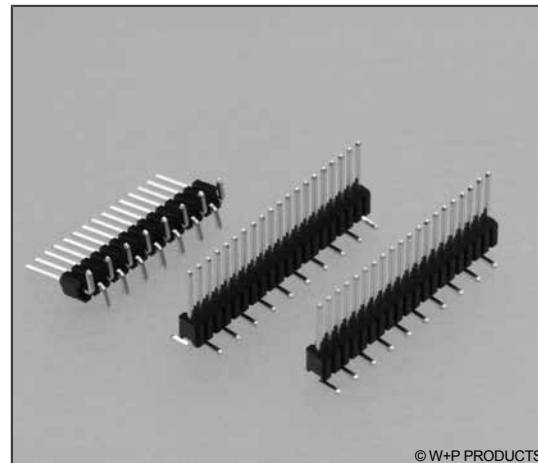
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-7060

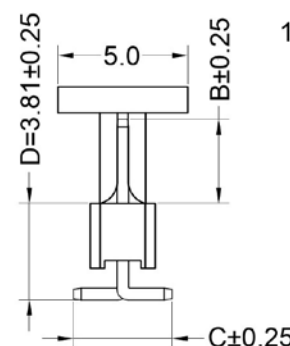
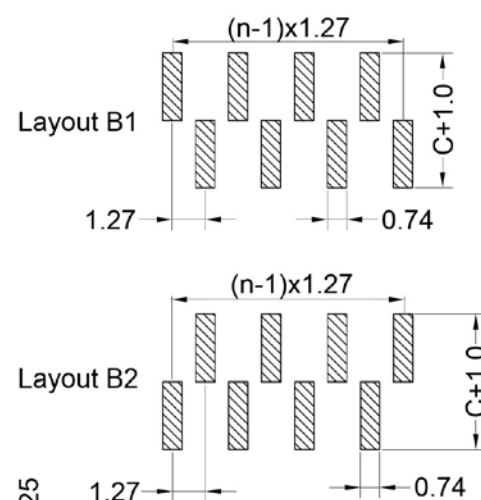
SMT-Stiftleisten RM 1,27mm, stehend, 1-reihig - 0,46mm Vierkantstift
SMT Pin Headers, 1.27mm Pitch, Vertical, Single Row - 0.46mm Square Pin

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Contacts*	Layout*	Dimensions*	Plating	Packaging*
46-7060	010	11	10	00	ST
	003-030 Einreihig Single row	11 Einreihig B1 Single row B1 12 Einreihig B2 Single row B2	10 B=2.80 C=5.08mm 20 B=6.00 C=5.08mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated	ST PPST PPTR

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

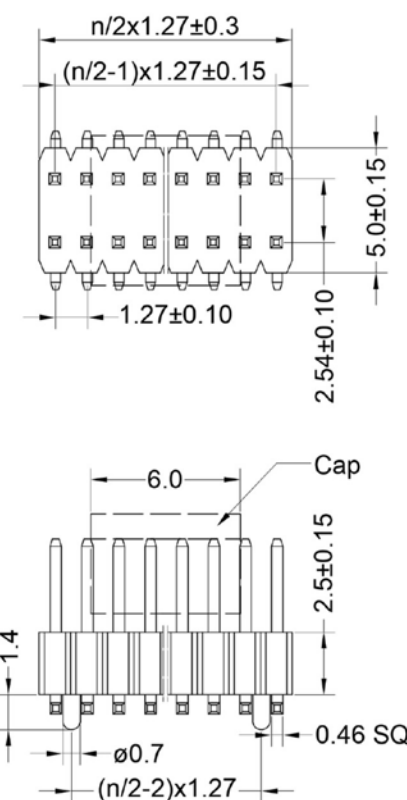
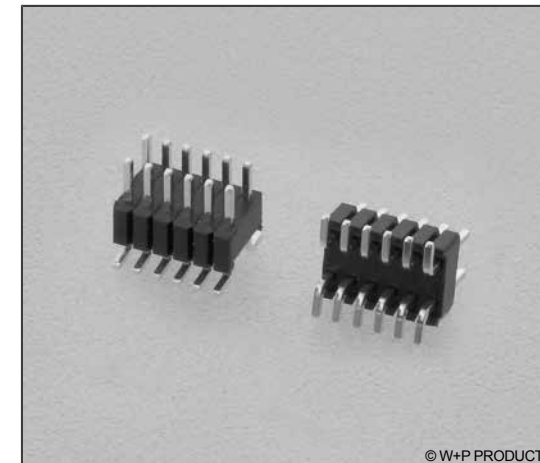
Aktuelle PDF-Datenblätter:
Latest PDF-Datasheets:

46-7070

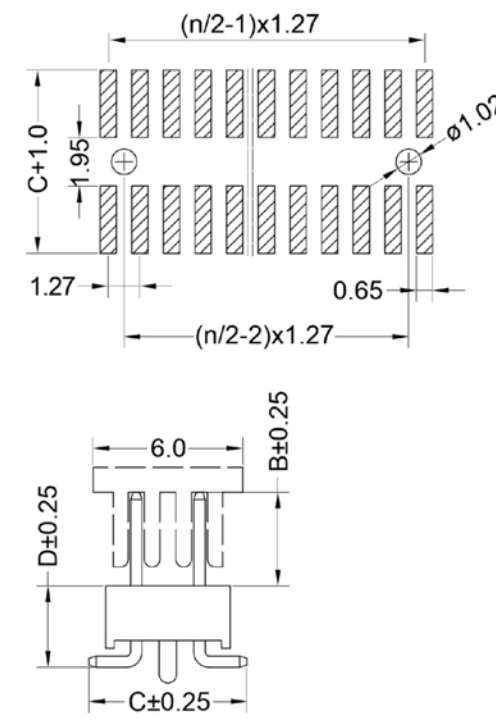
SMT-Stiftleisten RM 1,27x2,54mm, stehend, 2-reihig - 0,46mm Vierkantstift
SMT Pin Headers, 1.27x2.54mm Pitch, Vertical, Double Row - 0.46mm Square Pin

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Contacts*	Dimensions*	Plating	Locating Pegs*	Packaging*
46-7070	016	10	00	00	ST
	004-060 Zweireihig Double row	Ohne Positionierhilfen W/o locating pegs 10 B=2.80 C=6.50 D=3.81mm 20 B=6.00 C=6.50 D=3.81mm 99 Kundenspezifisch Customer-specific Mit Positionierhilfen With locating pegs 30 B=2.80 C=6.50 D=3.00mm 40 B=6.00 C=6.50 D=3.00mm 99 Kundenspezifisch (D=3.0mm) Customer-specific (D=3.0mm)	00 Vergoldet Gold plated	00 Ohne Pos. hilfen W/o loc. pegs 10 Mit Pos. hilfen With loc. pegs	ST PPST PPTR (Option)

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR (Option) Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

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wppro.com/serie-XXX

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

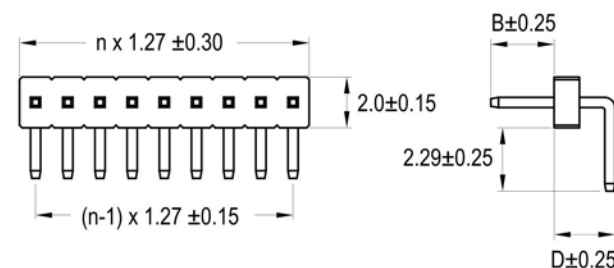
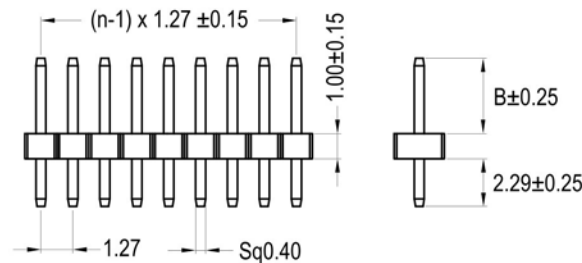
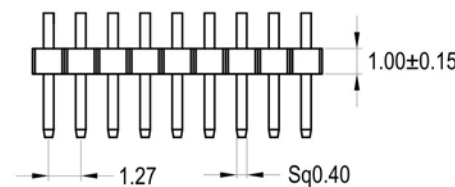
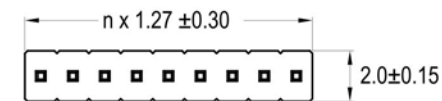
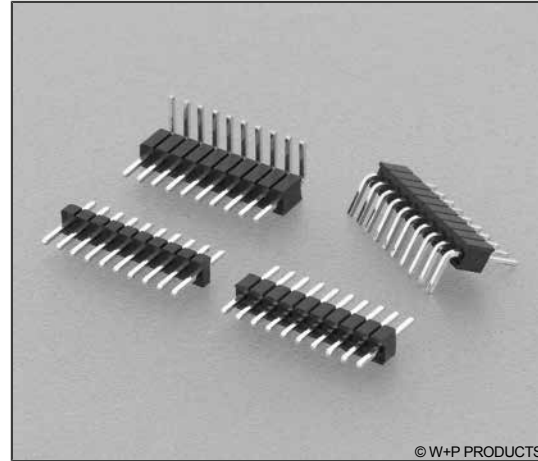
W+P
WE CONNECT IT

46-707

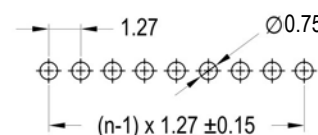
Stiftleisten RM 1,27mm, gerade/gewinkelt, 1-reihig – 1,0-2,5mm Isolierkörper
Pin Headers, 1.27mm Pitch, Straight/Right-Angled, Single Row – 1.0-2.5mm Body

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC
Test Voltage	500 V AC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



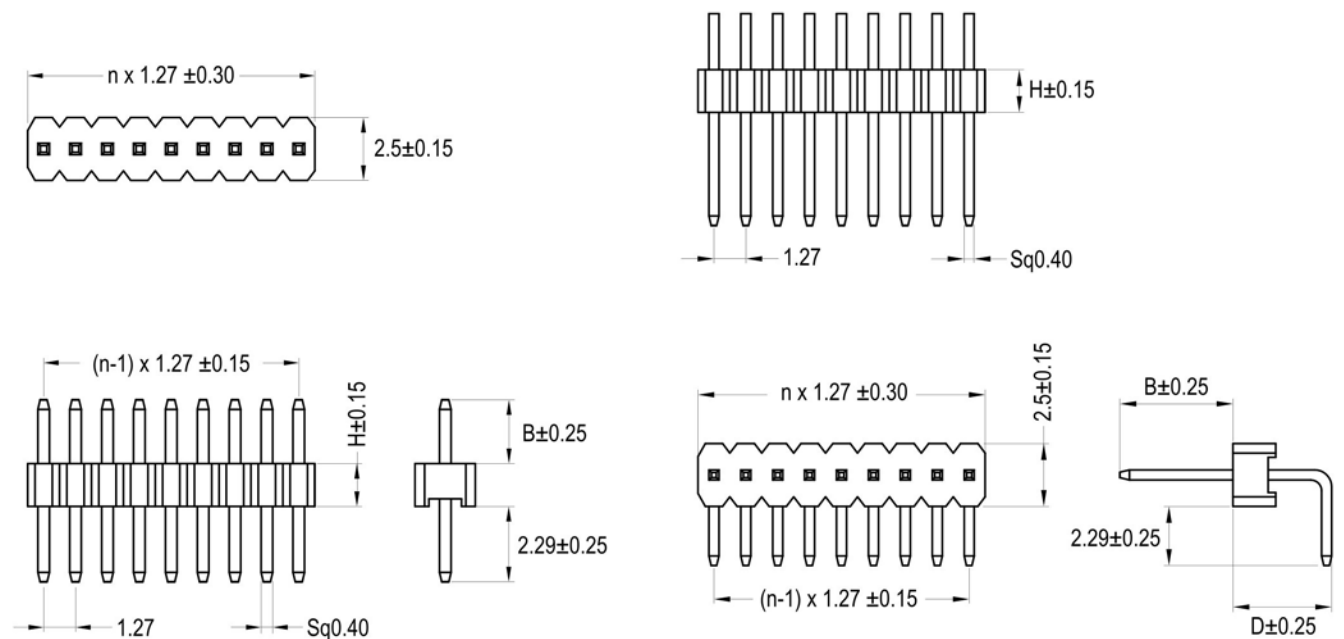
Recommended PCB Layout
(PCB Board Tolerance ±0.05)



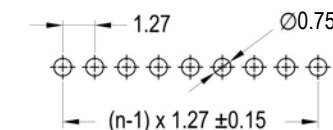
Series	Height	Contacts*	Type*	Dimensions*	Plating
46-707	1	09	1	30	00
	1 H=1.0mm	02-40	1 Gerade Straight 2 Gewinkelt Right-angled	10 B=2.70mm (D=1.50mm) 20 B=3.05mm (D=1.50mm) 30 B=1.91mm (D=2.20mm) 40 B=1.65mm (D=2.20mm) 50 B=1.91mm (D=2.80mm) 60 B=3.05mm (D=2.80mm) 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated

46-707

Stiftleisten RM 1,27mm, gerade/gewinkelt, 1-reihig – 1,0-2,5mm Isolierkörper
Pin Headers, 1.27mm Pitch, Straight/Right-Angled, Single Row – 1.0-2.5mm Body



Recommended PCB Layout
(PCB Board Tolerance ±0.05)



Series	Height	Contacts*	Type*	Dimensions*	Plating
46-707	2	09	1	30	00
	2 H=1.5mm 3 H=1.7mm 4 H=2.5mm	02-40 Type 2, 4 02-30 Type 3	1 Gerade Straight 2 Gewinkelt Right-angled	10 B=2.70mm (D=1.50mm) 20 B=3.05mm (D=1.50mm) 30 B=1.91mm (D=2.20mm) 40 B=1.65mm (D=2.20mm) 50 B=1.91mm (D=2.80mm) 60 B=3.05mm (D=2.80mm) 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

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wppro.com/series-XXX

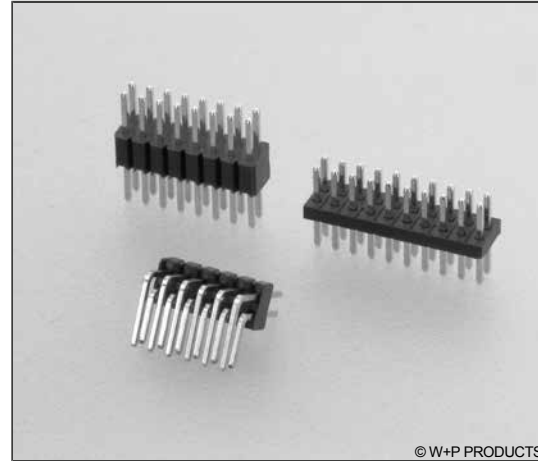
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

46-712

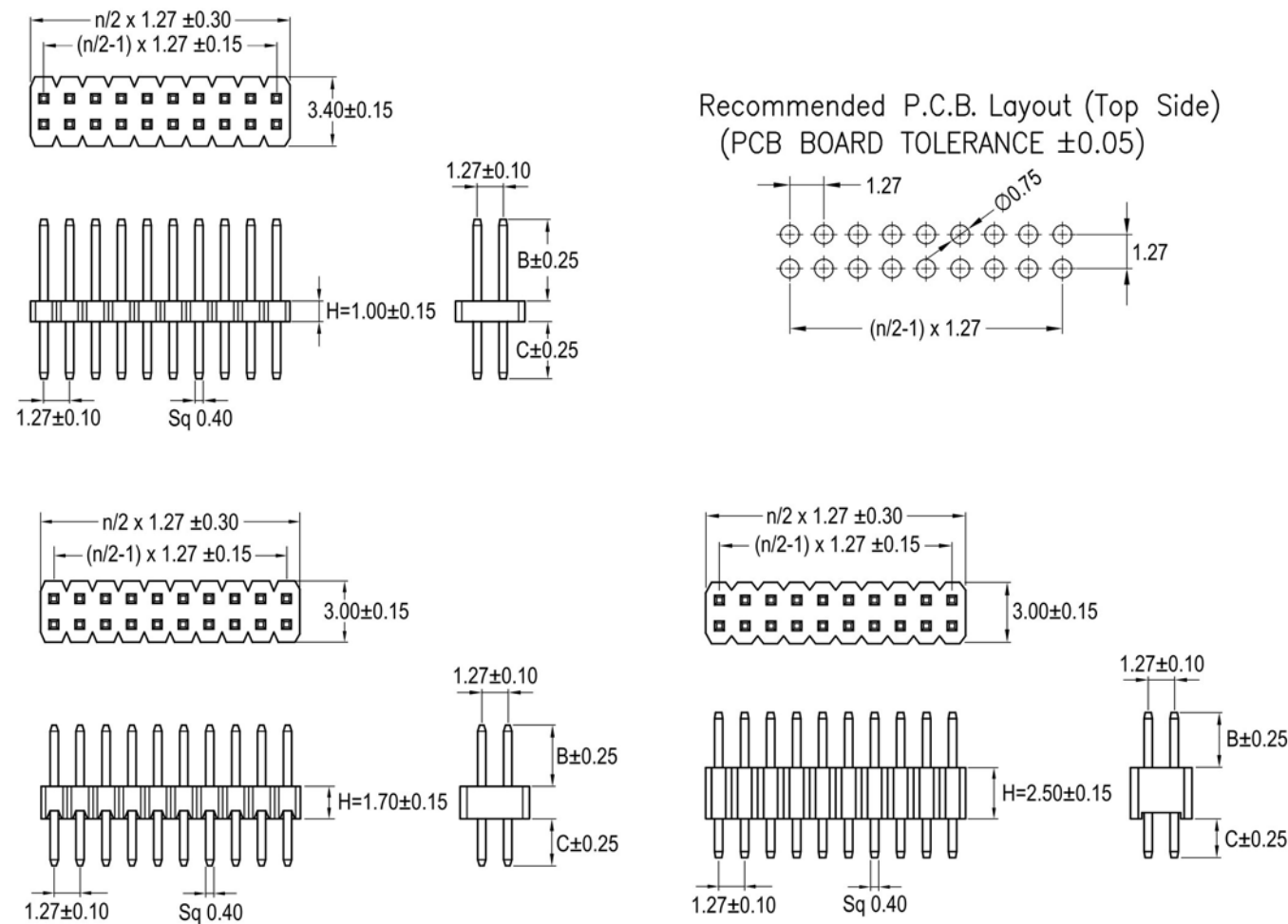
Stiftleisten RM 1,27mm, 2-reihig – 1,0 / 1,7 / 2,5mm Isolierkörper
Pin Headers, 1.27mm Pitch, Double Row – 1.0 / 1.7 / 2.5mm Insulator Body

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



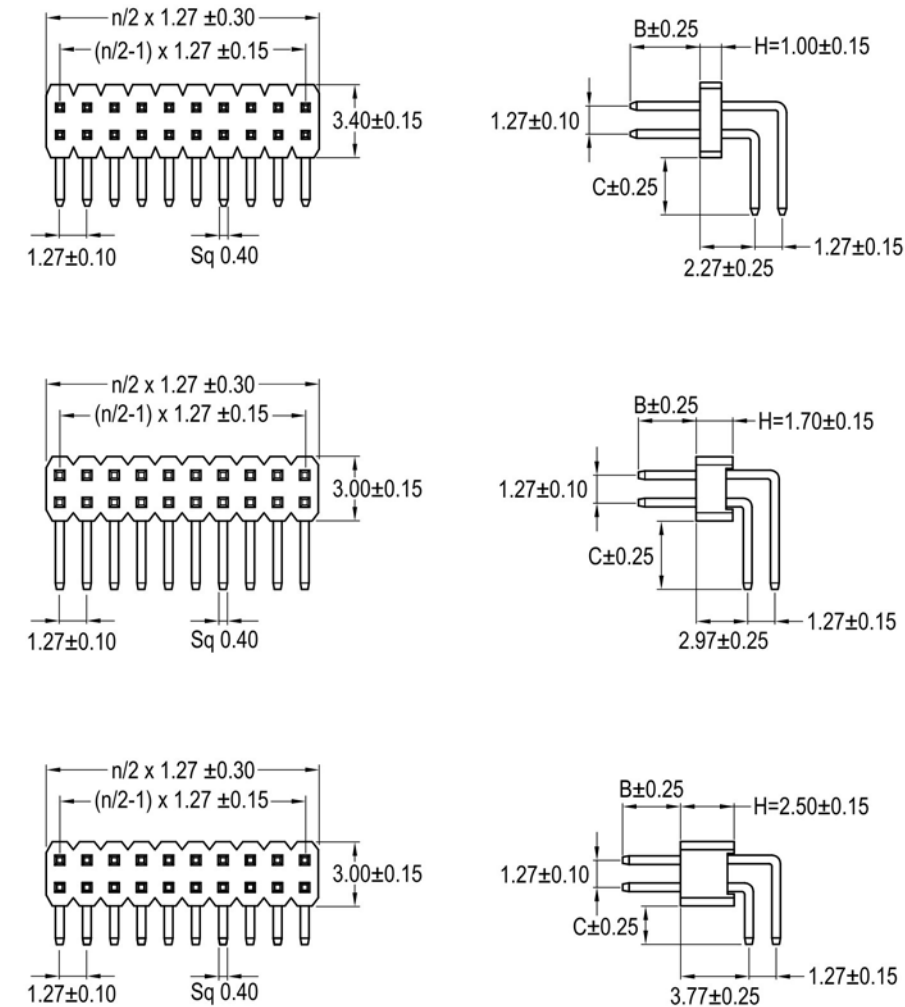
Recommended P.C.B. Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Height	Contacts *	Type	Dimensions *	Plating
46-712	1	010	1	10	00
	1 H=1.00mm 2 H=1.70mm 4 H=2.50mm	004-080 H=1.00 & 2.5mm 004-060 H=1.7mm	1 Gerade Straight	10 B=2.7 C=2.6mm 20 B=3.0 C=3.0mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated

46-712

Stiftleisten RM 1,27mm, 2-reihig – 1,0 / 1,7 / 2,5mm Isolierkörper
Pin Headers, 1.27mm Pitch, Double Row – 1.0 / 1.7 / 2.5mm Insulator Body



Series	Height *	Contacts	Type	Dimensions *	Plating
46-712	1	020	2	10	00
	1 H=1.00mm 2 H=1.70mm 4 H=2.50mm	004-080 H=1.00 & 2.5mm 004-060 H=1.7mm	2 Gewinkelt Right-angled	10 B=3.05 C=2.30mm 20 B=1.91 C=2.30mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

wppro.com/serie-XXX
wppro.com/series-XXX

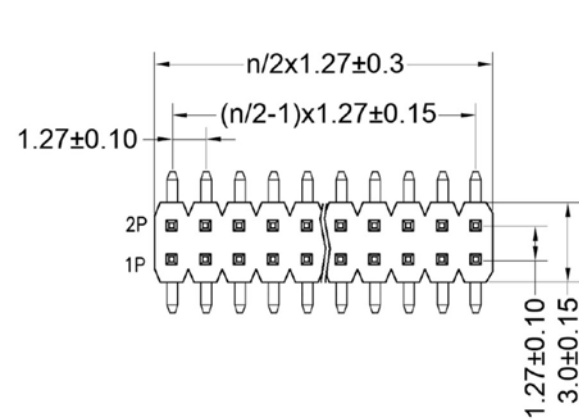
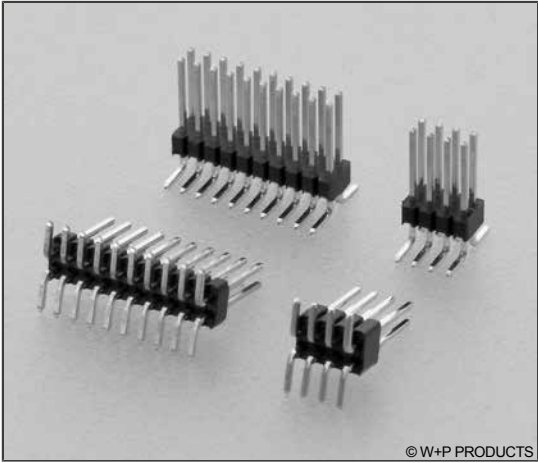
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

46-7075

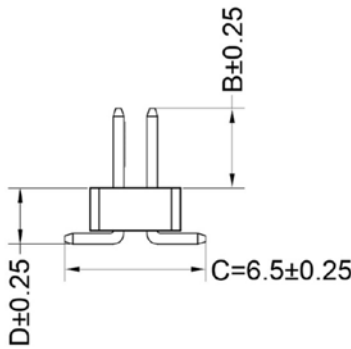
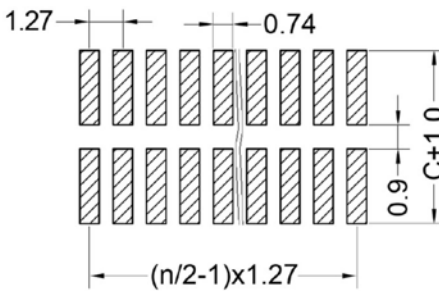
SMT-Stiftleisten RM 1,27mm, stehend, 2-reihig
SMT Pin Headers, 1.27mm Pitch, Vertical, Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

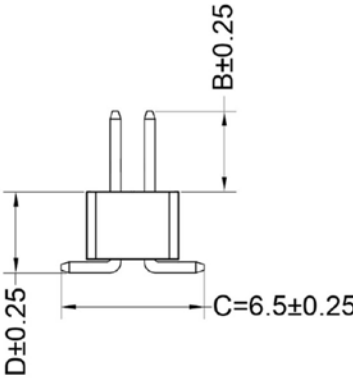
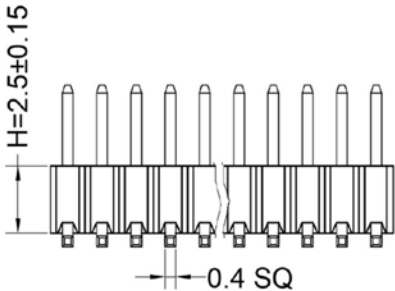
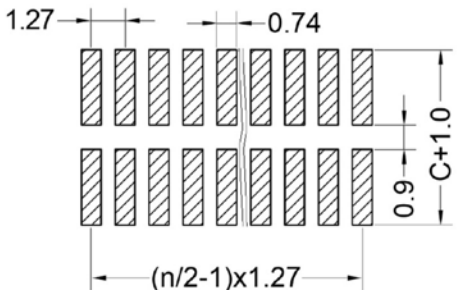


Series	Contacts*	Insulator	Dimensions*	Plating	Packaging*
46-7075	020 004-050	16 16 H=1.60mm	10 10 B=6.00 D=3.60mm 20 B=6.00 D=3.30mm 30 B=6.00 D=4.20mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated	ST PPST PPTR (Option)

46-7075

SMT-Stiftleisten RM 1,27mm, stehend, 2-reihig
SMT Pin Headers, 1.27mm Pitch, Vertical, Double Row

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Contacts*	Insulator	Dimensions*	Plating	Packing*
46-7075	020 004-050	25 25 H=2.50mm	20 10 B=6.00 D=3.60mm 20 B=6.00 D=3.30mm 30 B=6.00 D=4.20mm 99 Kundenspezifisch Customer-specific	00 Vergoldet Gold plated	ST PPST PPTR (Option)

Lieferformen / Packaging Options:
ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads (Option)

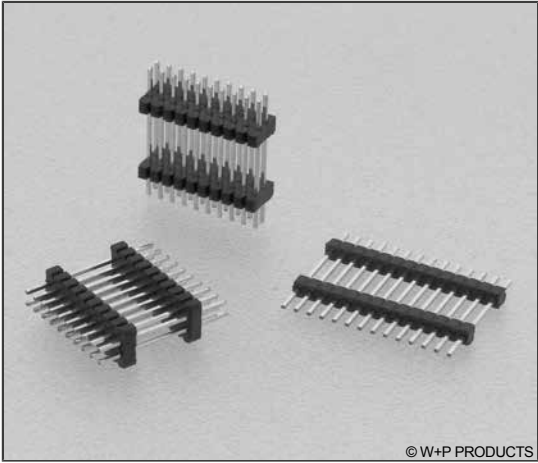
* Dies ist ein Bestellbeispiel - bitte durch Ihre Spezifikationen ersetzen.
* This is an order example - please replace by your specifications.

46-722

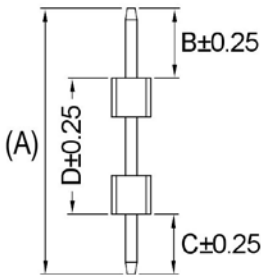
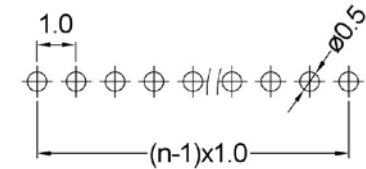
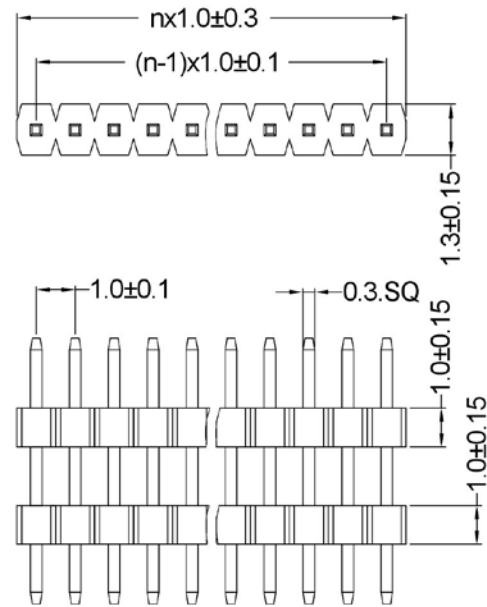
Sandwich-Stiftleisten RM 1,00mm, 1-/2-reihig
Dual Body Pin Headers, 1.00mm Pitch, Single/Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 30 mΩ
Contact Resistance	< 30 mΩ
Isolationswiderstand	> 500 MΩ
Insulation Resistance	> 500 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	0,75 A
Current Rating	0.75 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



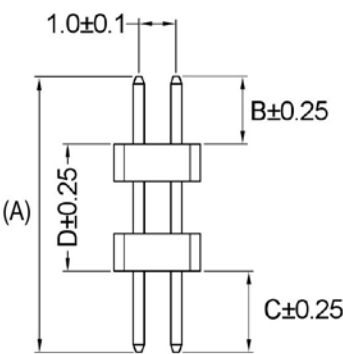
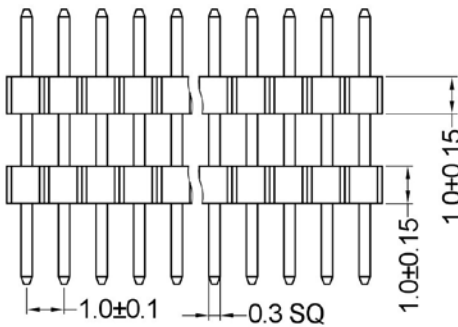
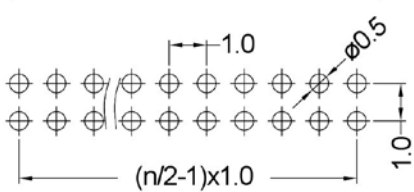
Series	Contacts *	Rows	Dimensions *	Plating
46-722	010	1	10	00
	001-050 Einreihig Single row	1 Einreihig Single row	10 B=2.00 C=2.50 D=6.50mm A [mm] Andere Längen auf Anfrage Other lengths on request	00 Vergoldet Gold plated

46-722

Sandwich-Stiftleisten RM 1,00mm, 1-/2-reihig
Dual Body Pin Headers, 1.00mm Pitch, Single/Double Row



Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)



Series	Contacts *	Rows	Dimensions *	Plating
46-722	020	2	10	00
	004-050 Zweireihig Double row	2 Zweireihig Double row	10 B=2.00 C=2.50 D=6.50mm A [mm] Andere Längen auf Anfrage Other lengths on request	00 Vergoldet Gold plated

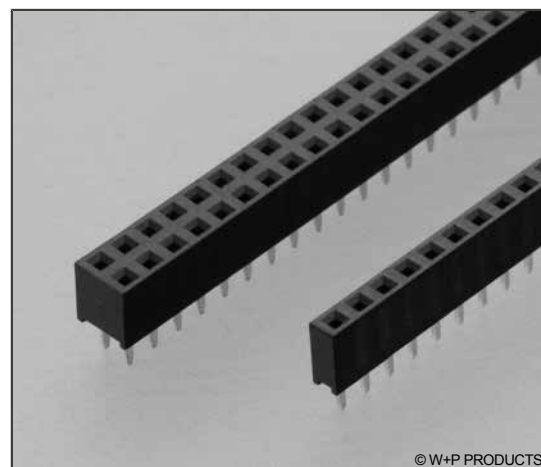
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

46-160

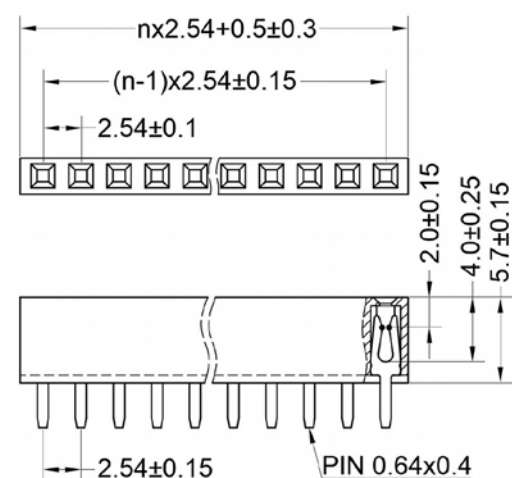
Buchsenleisten RM 2,54mm, gerade, 1-/2-reihig – BH 5,7mm
Female Headers, 2.54mm Pitch, Straight, 1/2 Rows – 5.7mm Profile

Technische Daten / Technical Data

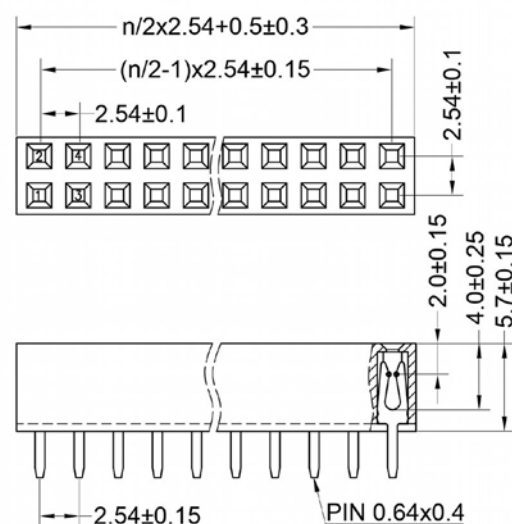
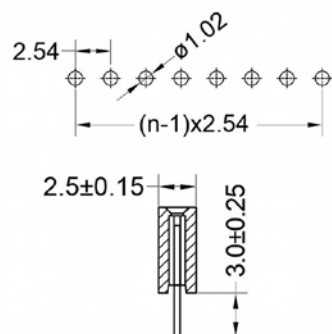
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontakttoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



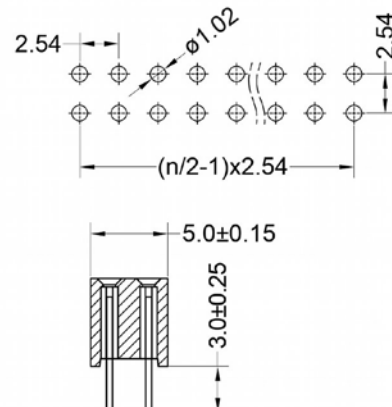
Geeignet für Vierkantstifte 0,635mm
 Mates with 0.635mm square pins



Recommended PCB Layout (Top Side)
 (PCB BOARD TOLERANCE ±0.05)



Recommended PCB Layout (Top Side)
 (PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Rows*	Plating
46-160	20	2	00
	02-40 Einreihig Single row 04-24 Zweireihig Double row	1 Einreihig Single row 2 Zweireihig Double row	00 Vergoldet Gold plated

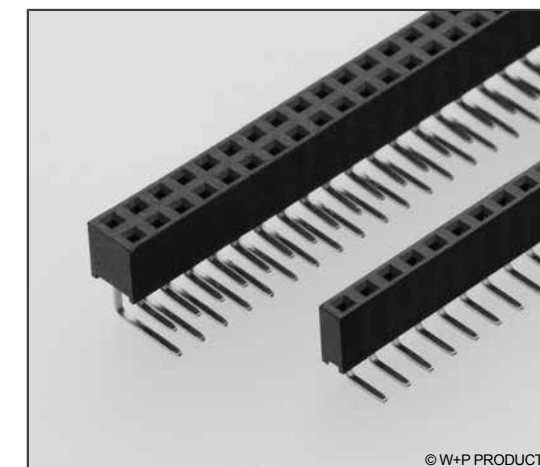
* Dies ist ein **Bestellbeispiel** -
 bitte durch Ihre Spezifikationen ersetzen.
 * This is an **order example** -
 please replace by your specifications.

46-162

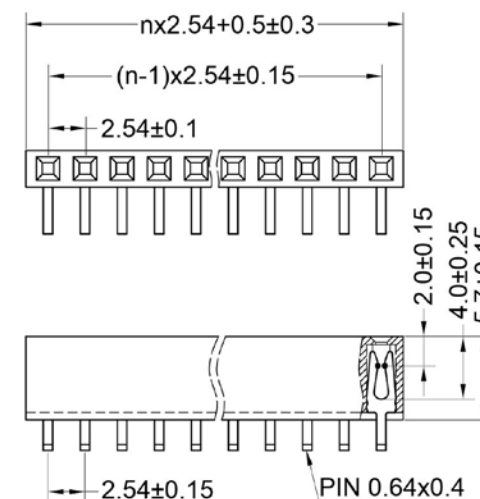
Buchsenleisten RM 2,54mm, gewinkelt, 1-/2-reihig – BH 5,7mm
Female Headers, 2.54mm Pitch, Right-Angled, 1/2 Rows – 5.7mm Profile

Technische Daten / Technical Data

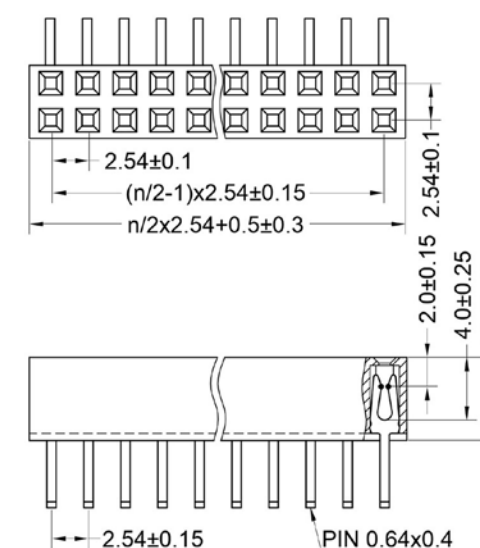
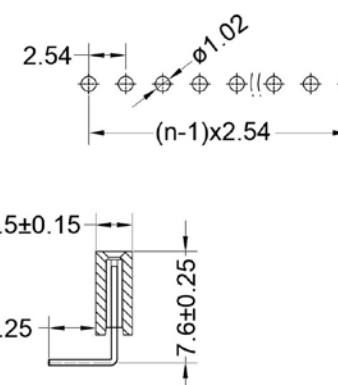
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontakttoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



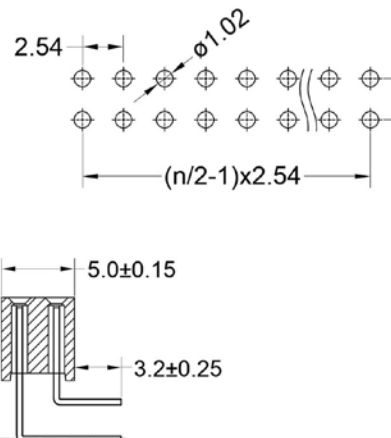
Geeignet für 0,635mm Vierkantstifte
 Mates with 0.635mm square pins



Recommended PCB Layout (Top Side)
 (PCB BOARD TOLERANCE ±0.05)



Recommended PCB Layout (Top Side)
 (PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Rows*	Plating
46-162	07	1	00
	02-40 Einreihig Single row 04-24 Zweireihig Double row	1 Einreihig Single row 2 Zweireihig Double row	00 Vergoldet Gold plated

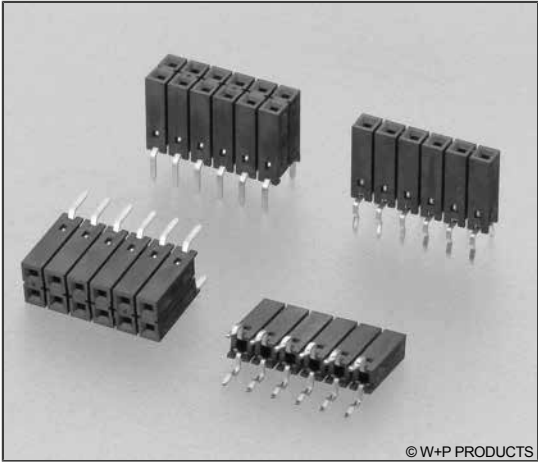
* Dies ist ein **Bestellbeispiel** -
 bitte durch Ihre Spezifikationen ersetzen.
 * This is an **order example** -
 please replace by your specifications.

46-289

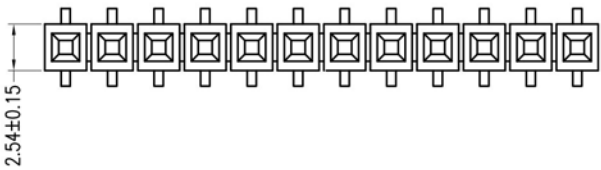
Buchsenleisten RM 2,54mm, gerade, BH 8,5mm, durchsteckbar
Female Headers, 2.54mm Pitch, Straight, 8.5mm Profile, Pass Through

Technische Daten / Technical Data

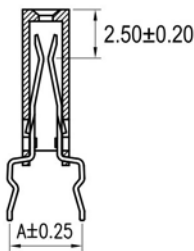
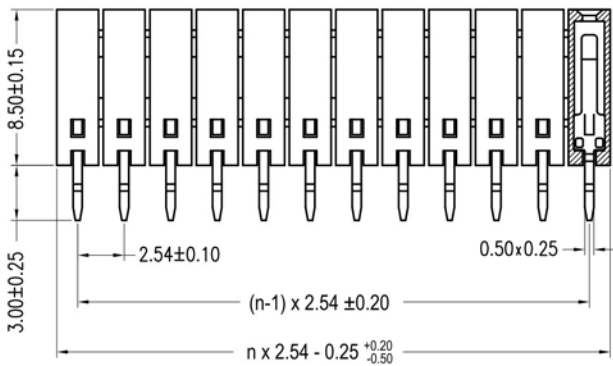
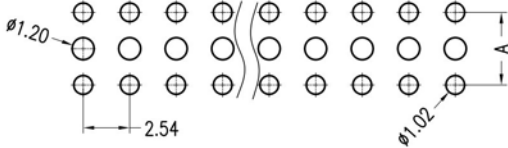
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 5 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 5 sec. / 230 °C for 30~60 sec.



Doppelfederkontakte für Vierkantstifte 0,635mm.
Dual beam contacts accept 0.635mm square pins.



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

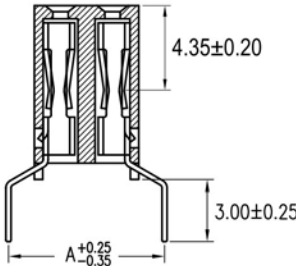
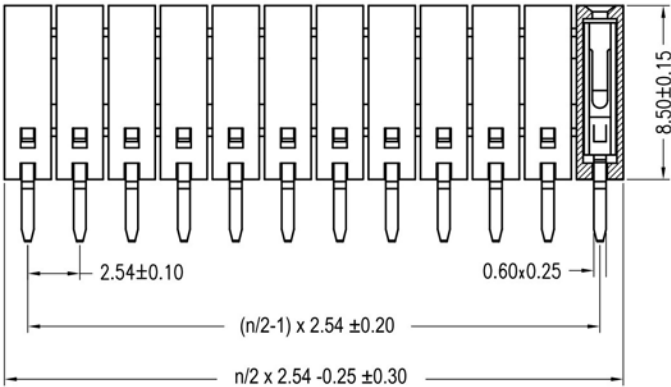
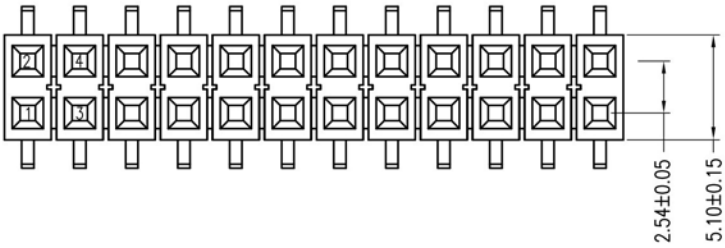
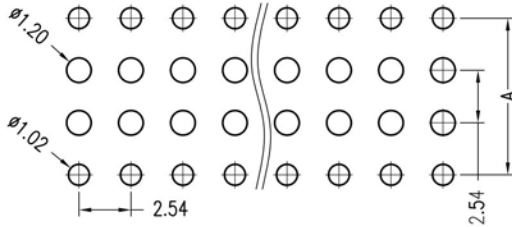


Series	Contacts*	Rows	Pin Distance*	Plating
46-289	10	1	3	00
	02-12 Einreihig Single row	1 Einreihig Single row	1 A=3.17mm 2 A=3.96mm 3 A=5.08mm	00 Vergoldet Gold plated

46-289

Buchsenleisten RM 2,54mm, gerade, BH 8,5mm, durchsteckbar
Female Headers, 2.54mm Pitch, Straight, 8.5mm Profile, Pass Through

Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Rows	Pin Distance*	Plating
46-289	20	2	4	00
	02-24 Zweireihig Double row	2 Zweireihig Double row	4 A=6.50mm 5 A=7.62mm	00 Vergoldet Gold plated

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

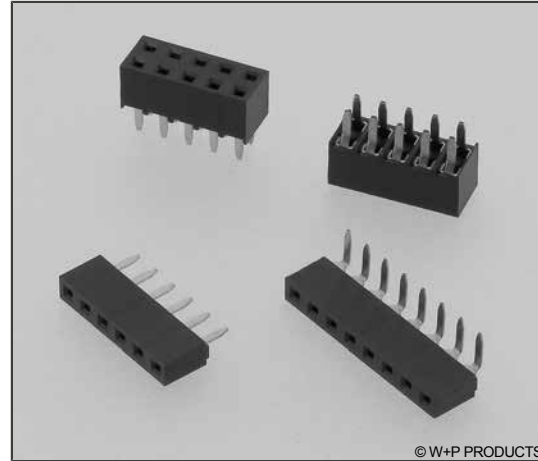
46-342

Buchsenleisten RM 2,54mm - BH 5mm

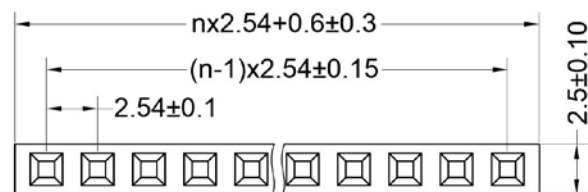
Female Headers, 2.54mm Pitch - 5mm Profile

Technische Daten / Technical Data

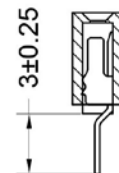
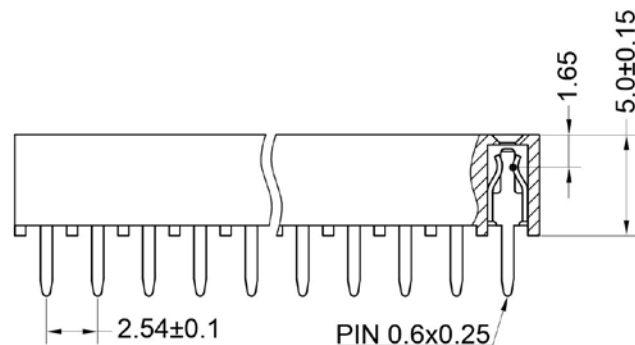
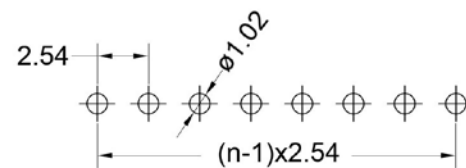
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC
Test Voltage	1000 V AC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,635mm Vierkantstifte
Mates with 0.635mm square pins



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

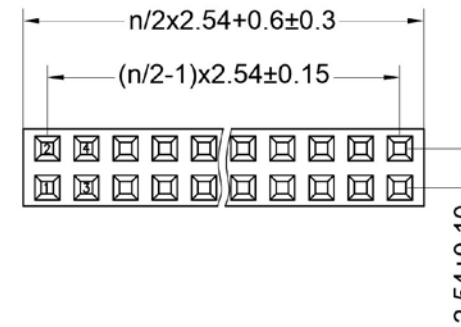


Series **46-342** — Contacts* **08** — Type **1** — Plating **00**
 02-40 Einreihig
Single row
 1 Einreihig, gerade
Single row, straight
 00 Vergoldet
Gold plated

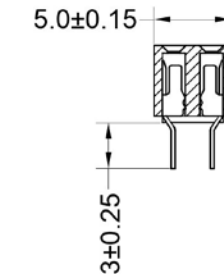
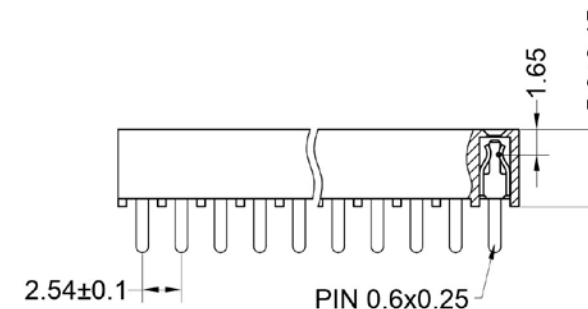
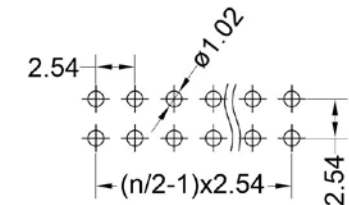
46-342

Buchsenleisten RM 2,54mm - BH 5mm

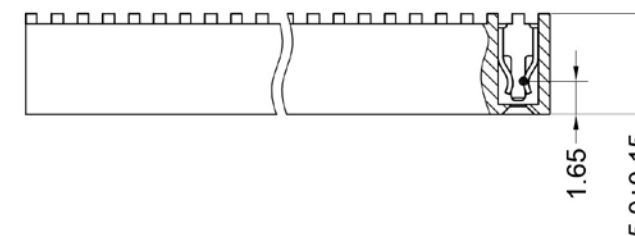
Female Headers, 2.54mm Pitch - 5mm Profile



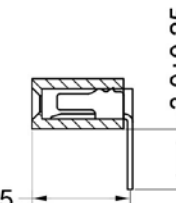
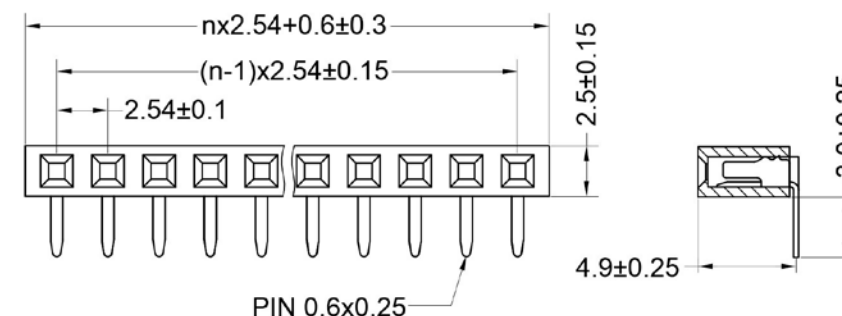
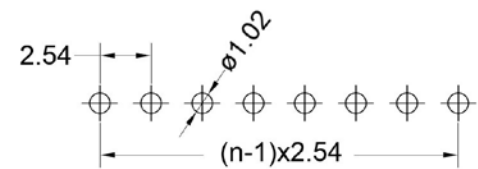
Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series **46-342** — Contacts* **12** — Type **2** — Plating **00**
 04-60 Zweireihig
Double row
 2 Zweireihig, gerade
Double row, straight
 00 Vergoldet
Gold plated



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series **46-342** — Contacts* **10** — Type **3** — Plating **00**
 02-40 Einreihig
Single row
 3 Einreihig, gewinkelt
Single row, right-angled
 00 Vergoldet
Gold plated

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
 * This is an order example -
please replace by your specifications.

wppro.com/serie-XXX
wppro.com/series-XXX

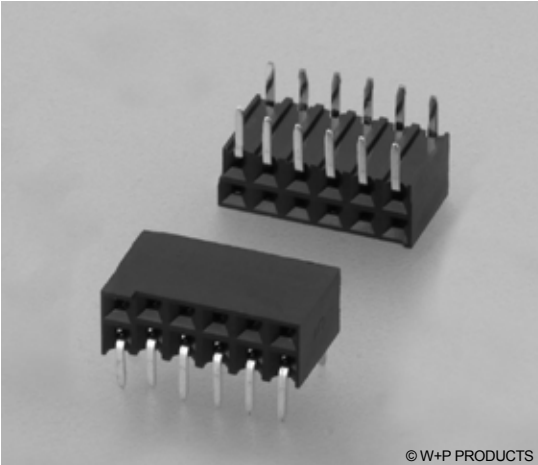
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

46-388

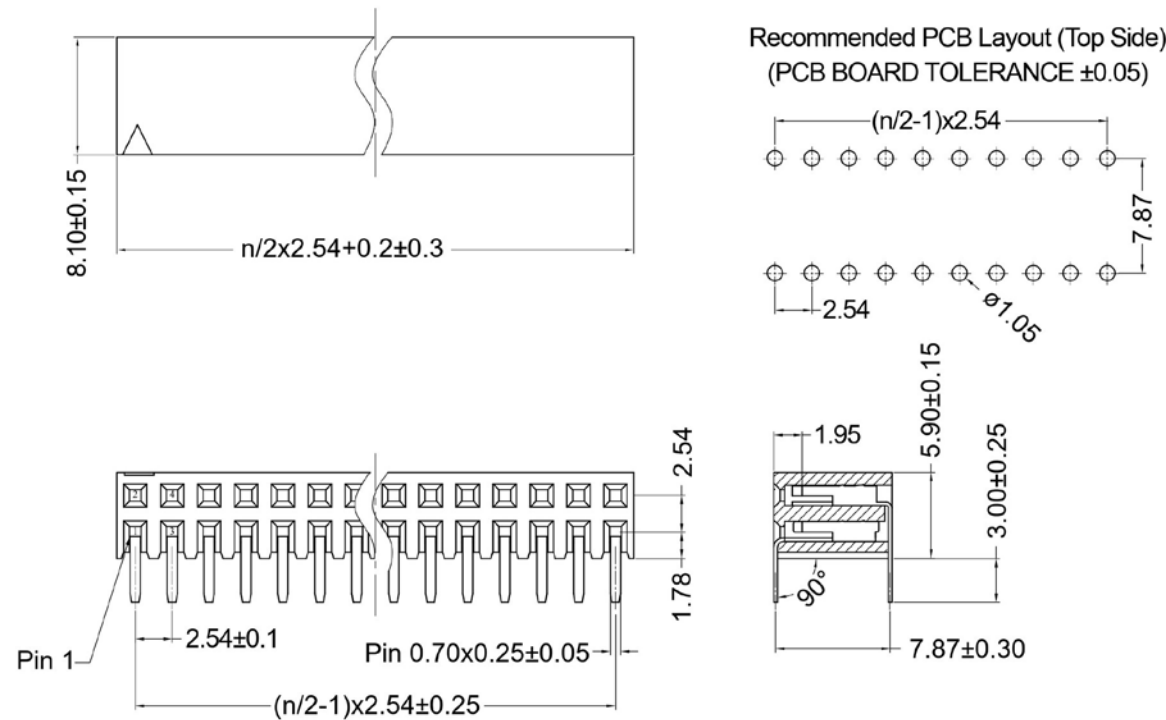
Abgesetzte Buchsenleisten RM 2,54mm, seitlich steckbar, 2-reihig
Stand-Off Female Headers, 2.54mm Pitch, Side Entry, Double Row

Technische Daten /Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC
Test Voltage	1000 V AC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,635mm Vierkantstifte
Mates with 0.635mm square pins



Series	Contacts*	Rows	Layout	Plating
46-388	028 008-070 Zweireihig Double row	2 2 Zweireihig Double row	1 1 D=7.87mm	00 00 Vergoldet Gold plated

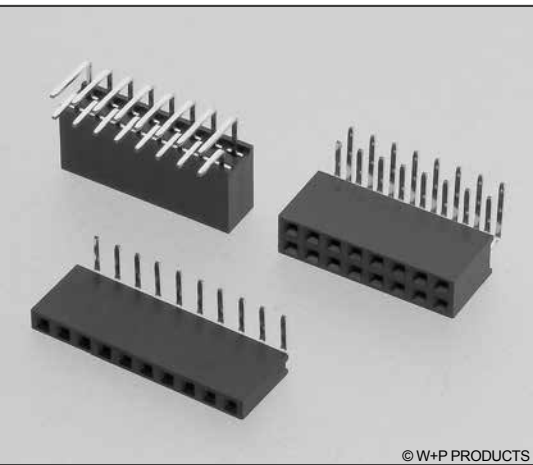
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-159

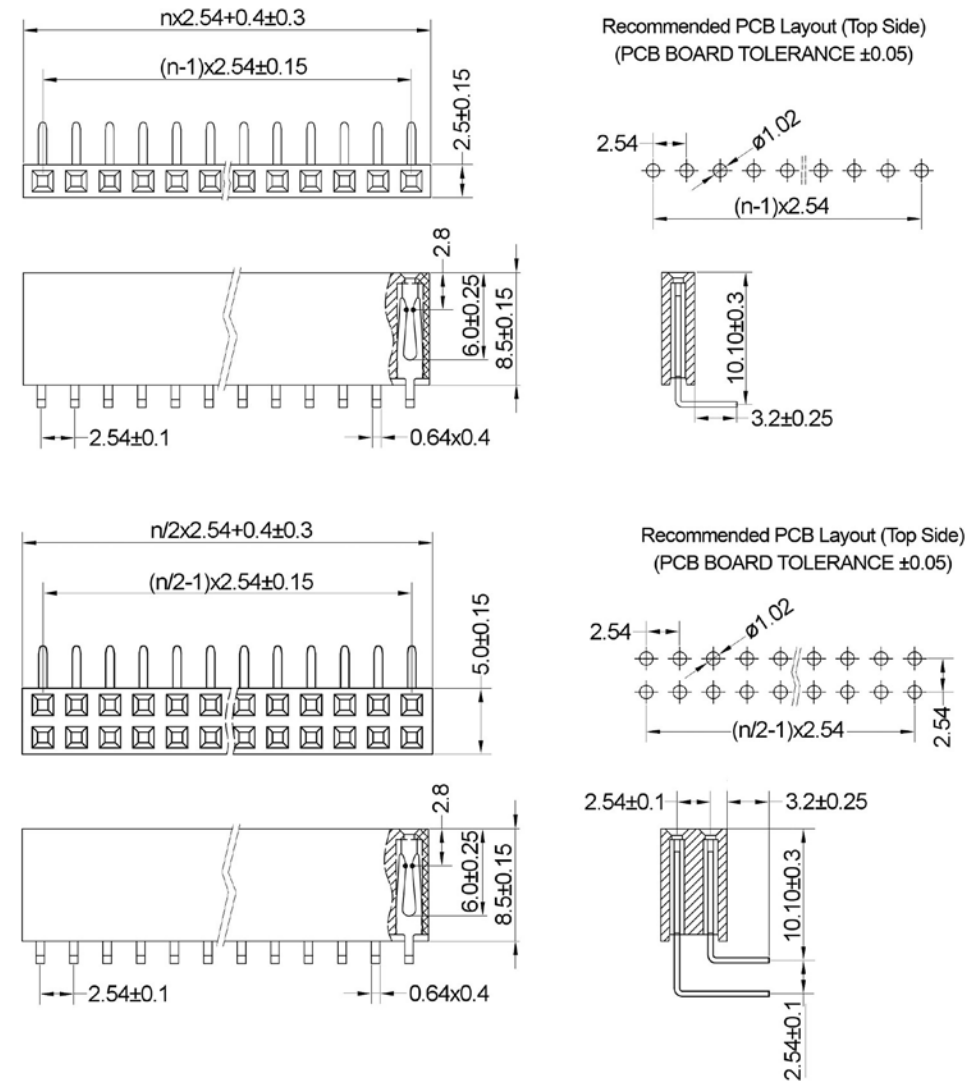
Buchsenleisten RM 2,54mm, gewinkelt, 1-/2-reihig
Female Headers, 2.54mm Pitch, Right-Angled, Single/Double Row

Technische Daten /Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,635mm Vierkantstifte
Mates with 0.635mm square pins



Series	Contacts*	Rows*	Plating
46-159	24 02-30 Einreihig Single row 04-50 Zweireihig Double row	2 1 Einreihig Single row 2 Zweireihig Double row	00 00 Vergoldet Gold plated

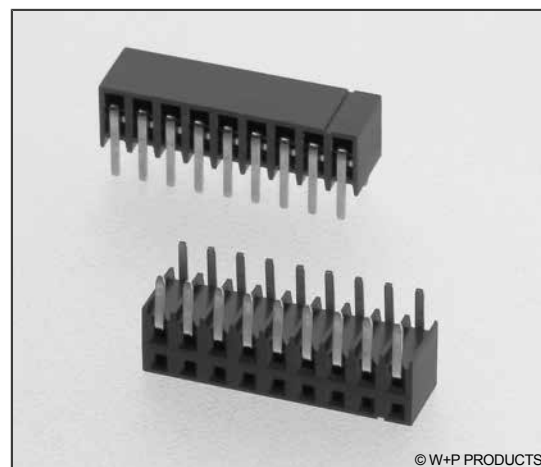
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-619

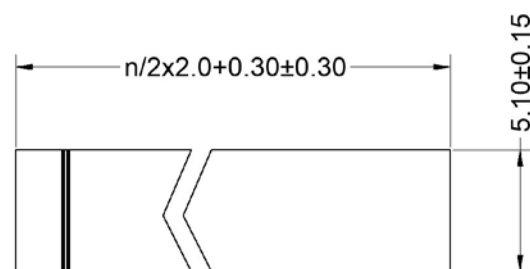
Buchsenleisten RM 2,00mm, seitlich steckbar, 2-reihig
Female Headers, 2.00mm Pitch, Side Entry, Double Row

Technische Daten / Technical Data

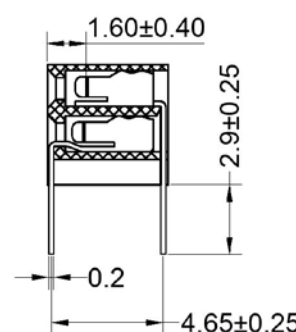
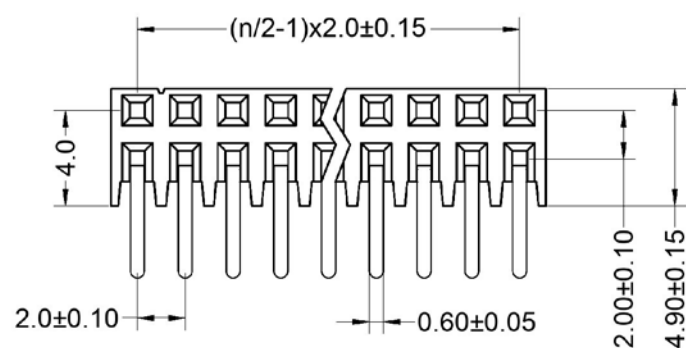
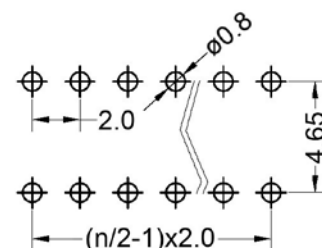
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1,5 A
Current Rating	1.5 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,50mm Vierkantstifte
Mates with 0.50mm square pins



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Height	Contacts*	Rows	Plating
46-619	1	18	2	00
	1 Bauhöhe 4,9mm Height 4.9mm	04-40 Zweireihig Double row	2 Zweireihig Double row	00 Vergoldet Gold plated

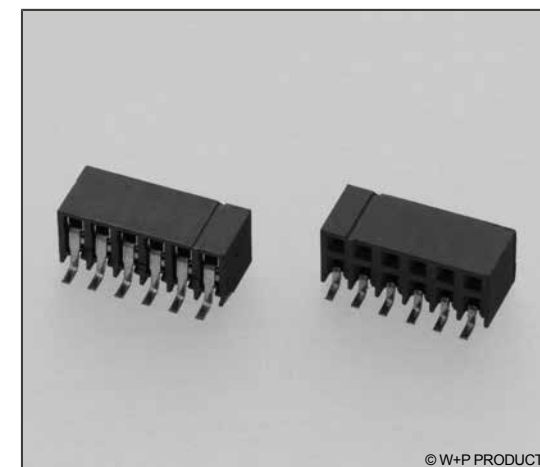
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-6192

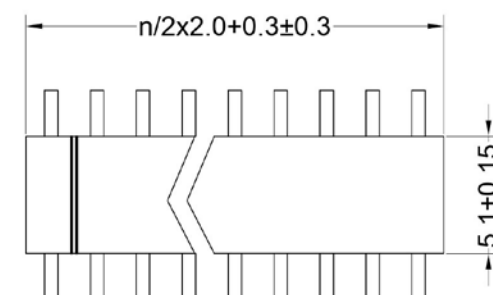
SMT-Buchsenleisten RM 2,00mm, seitlich steckbar, 2-reihig
SMT Female Headers, 2.00mm Pitch, Side Entry, Double Row

Technische Daten / Technical Data

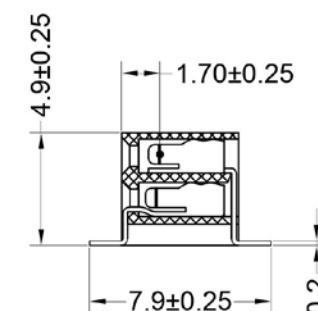
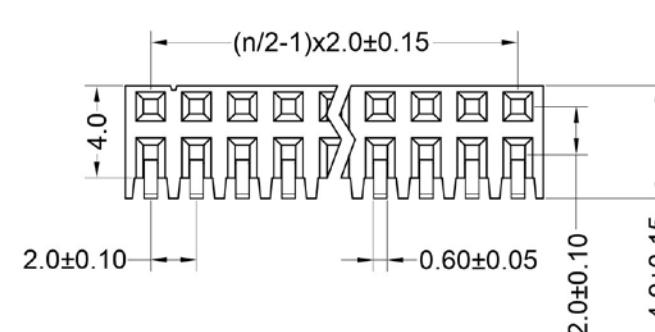
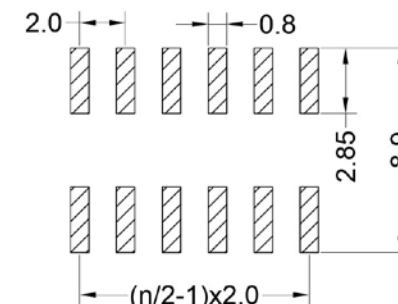
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1,5 A
Current Rating	1.5 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,50mm Vierkantstifte
Mates with 0.50mm square pins



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Plating	Locating Pegs	Packaging*
46-6192	16	00	00	ST
	06-50 Zweireihig Double row	00 Vergoldet Gold plated	00 Ohne Pos. hilfen W/o loc. pegs	ST TR (Option)

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

Lieferformen / Packaging Options:

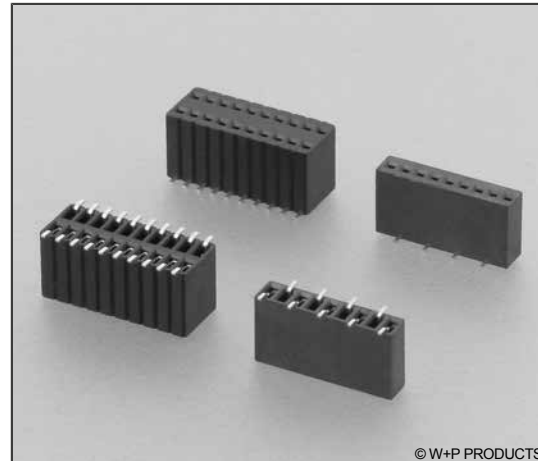
ST In Stangen / in tubes
TR (Option) Tape & Reel / Tape & Reel

46-7110

SMT-Buchsenleisten RM 1,27x2,54mm, stehend, 1-/2-reihig
SMT Female Headers, 1.27x2.54mm Pitch, Vertical, Single/Double Row

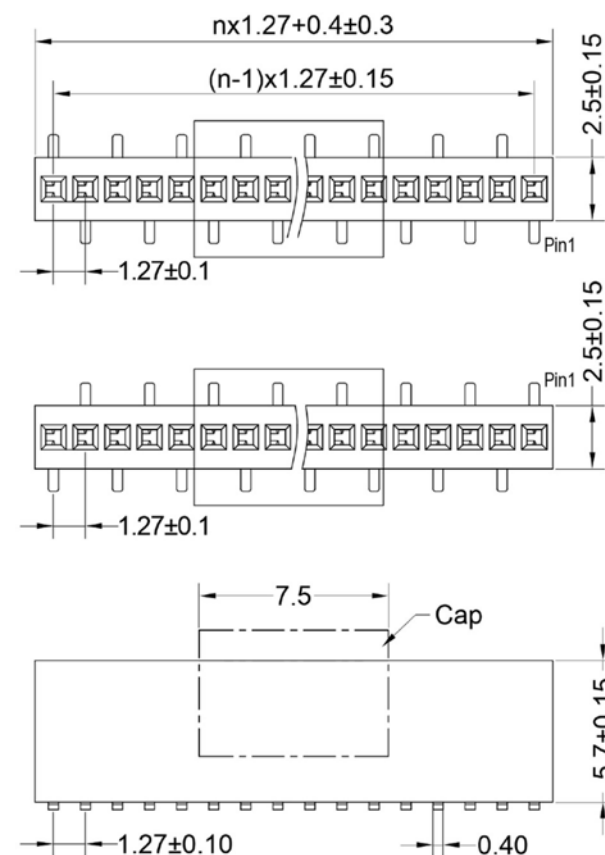
Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



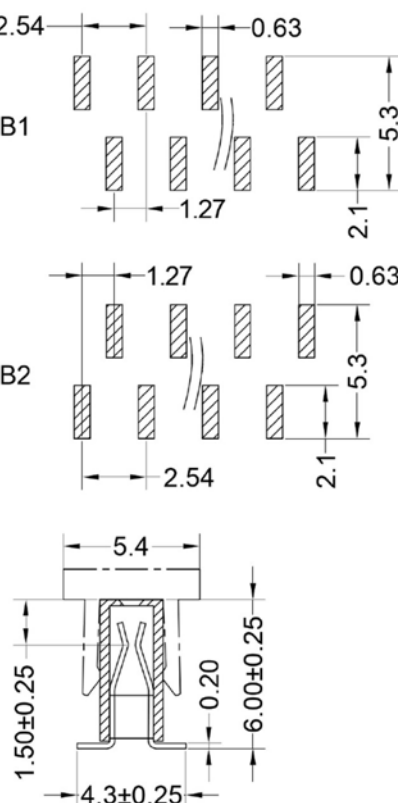
Geeignet für 0,46mm Vierkantstifte
 Mates with 0.46mm square pins

Recommended PCB Layouts (Top Side) (PCB BOARD TOLERANCE ±0.05)



Layout B1

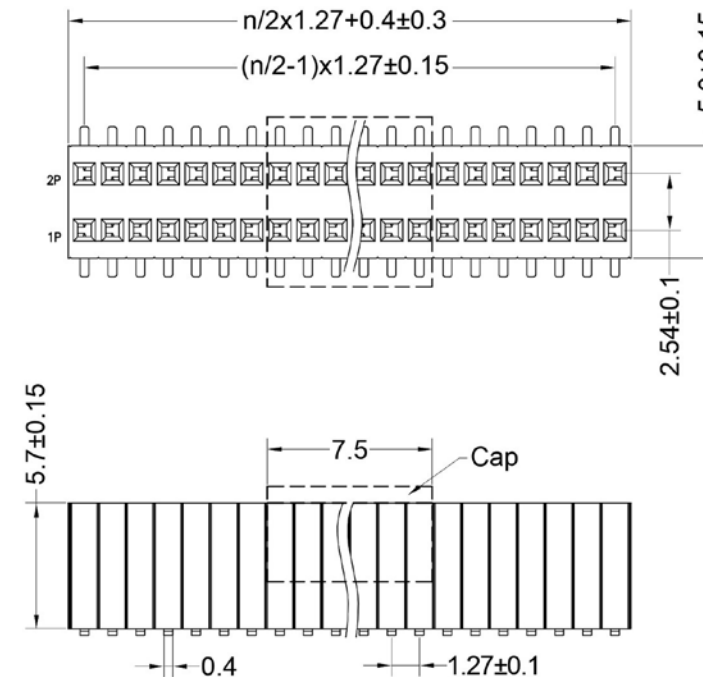
Layout B2



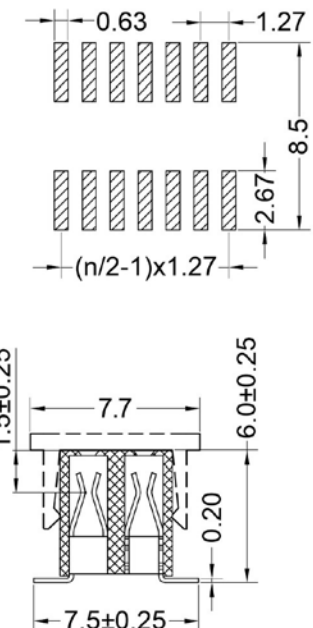
Series	Contacts*	Rows*	Plating	Locating Pegs	Packaging*
46-7110	014 003-030 Einreihig Single row	1 1 Einreihig, Layout B1 Single row, layout B1 2 Einreihig, Layout B2 Single row, layout B2	00 00 Vergoldet Gold plated	00 00 Ohne Positionierhilfe W/o locating pegs	ST ST PPST PPTR

46-7110

SMT-Buchsenleisten RM 1,27x2,54mm, stehend, 1-/2-reihig
SMT Female Headers, 1.27x2.54mm Pitch, Vertical, Single/Double Row



Recommended PCB Layouts (Top Side) (PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Rows	Plating	Locating Pegs	Packing*
46-7110	044 004-080 Zweireihig Double row	3 3 Zweireihig Double row	00 00 Vergoldet Gold plated	00 00 Ohne Positionierhilfe W/o locating pegs	PPST ST PPST PPTR

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

* Dies ist ein Bestellbeispiel -
 bitte durch Ihre Spezifikationen ersetzen.
 * This is an order example -
 please replace by your specifications.

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 wppro.com/series-XXX

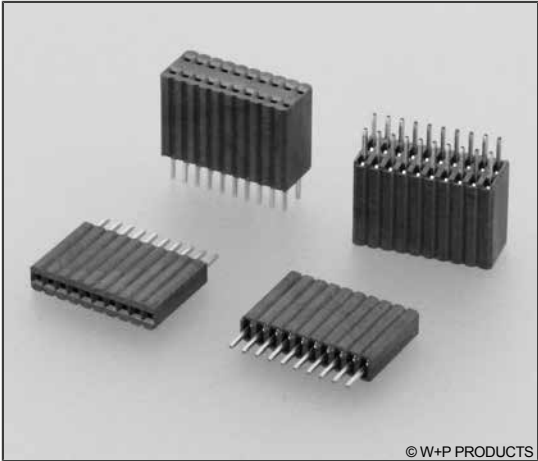
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
 Design and/or technical specifications may change without prior notice.

46-710

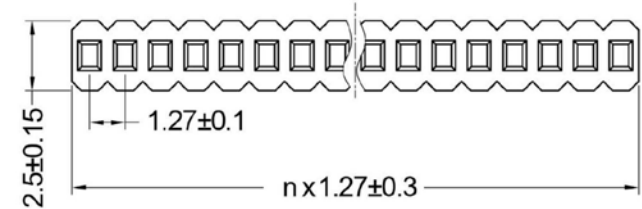
Buchsenleisten RM 1,27x2,54mm, gerade, 1-/2-reihig - Bauhöhe 8,50mm
Female Headers, 1.27x2.54mm Pitch, Straight, Single/Double Row – 8.5mm Profile

Technische Daten / Technical Data

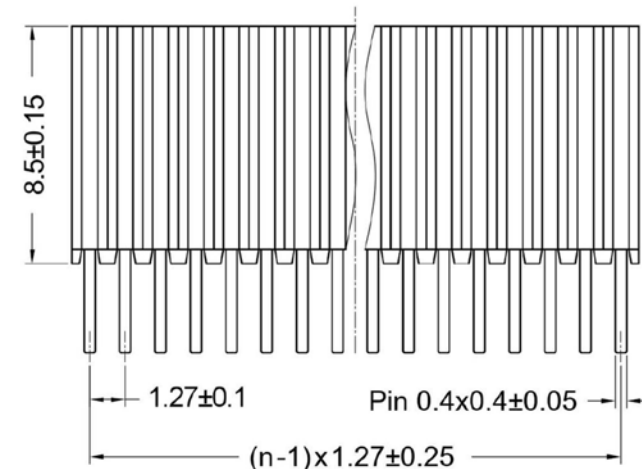
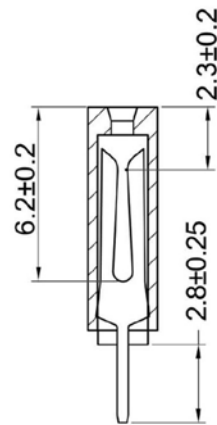
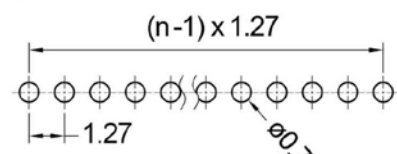
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,40mm Vierkantstifte
Mates with 0.40mm square pins



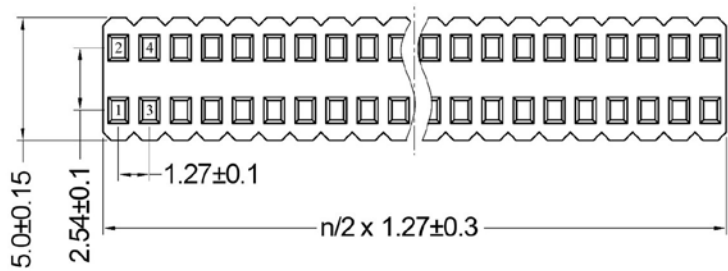
Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



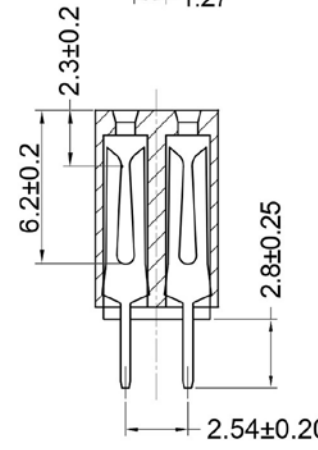
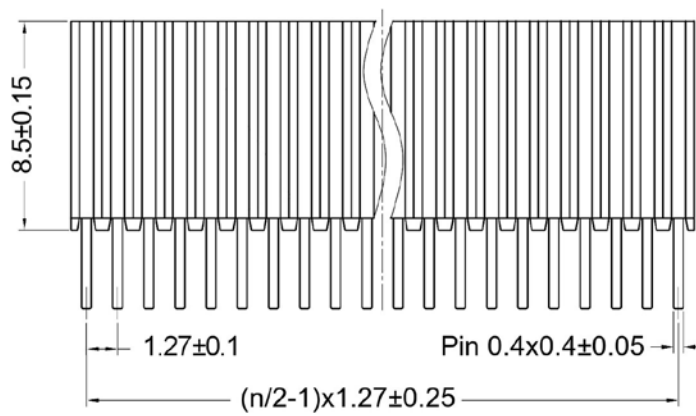
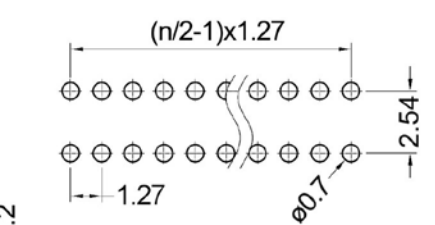
Series	Contacts*	Rows	Plating
46-710	015	1	00
	003-040 Einreihig Single row	1 Einreihig Single row	00 Vergoldet Gold plated

46-710

Buchsenleisten RM 1,27x2,54mm, gerade, 1-/2-reihig - Bauhöhe 8,50mm
Female Headers, 1.27x2.54mm Pitch, Straight, Single/Double Row – 8.5mm Profile



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Rows	Plating
46-710	040	2	00
	006-100 Zweireihig Double row	2 Zweireihig Double row	00 Vergoldet Gold plated

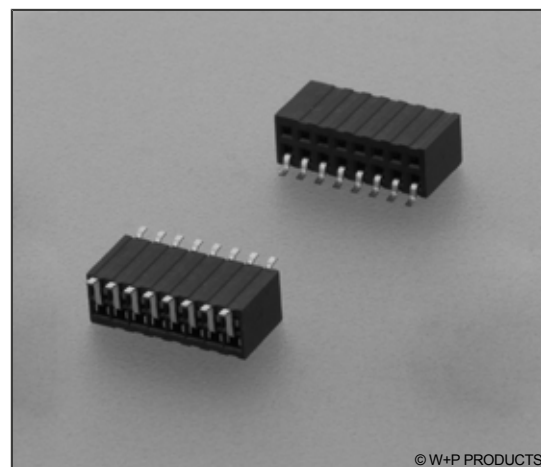
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

46-7130

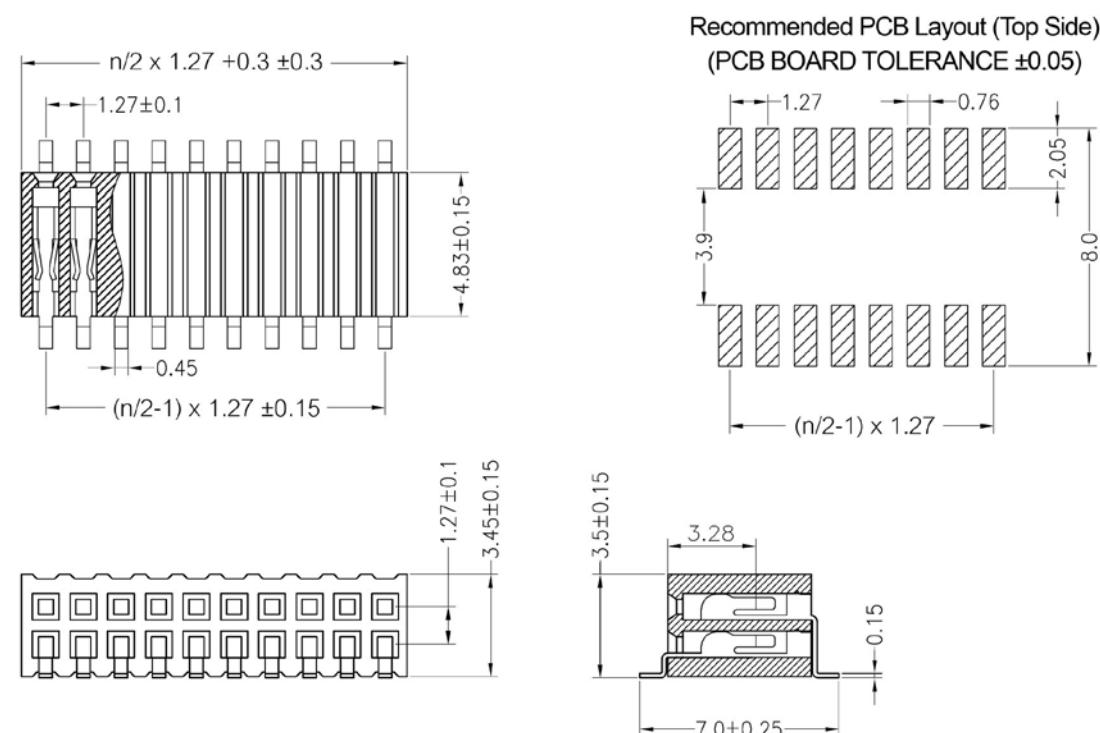
SMT-Buchsenleisten RM 1,27mm, seitlich steckbar, 2-reihig
SMT Female Headers, 1.27mm Pitch, Side Entry, Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,40mm Vierkantstifte
Mates with 0.40mm square pins



Series	Contacts*	Plating	Locating Pegs	Packaging*
46-7130	026	00	00	FTR
	006-060 Zweireihig Double row	00 Vergoldet Gold plated	00 Ohne Positionierhilfen W/o locating pegs	FST FTR

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

Lieferformen / Packaging Options:

FST In Stangen mit Film-Pad / In tubes with film pad
FTR Tape & Pad mit Film-Pad / Tape & Reel with film pad

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

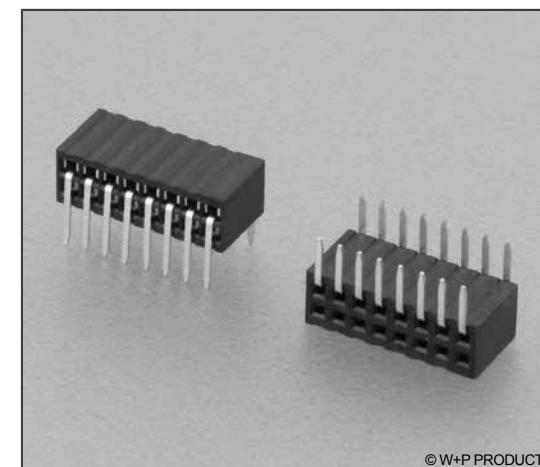
Aktuelle PDF-Datenblätter:
Latest PDF-Datasheets:

46-713

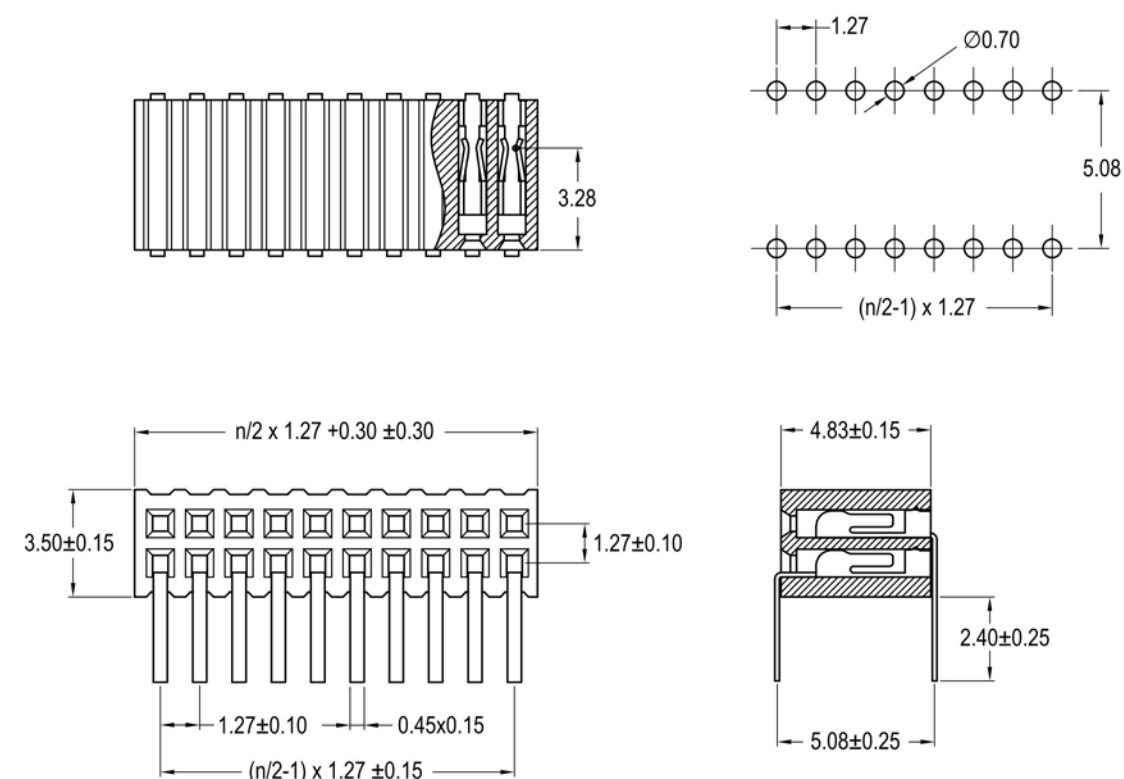
Buchsenleisten RM 1,27mm, seitlich steckbar, 2-reihig
Female Headers, 1.27mm Pitch, Side Entry, Double Row

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,40mm Vierkantstifte
Mates with 0.40mm square pins



Series	Contacts*	Plating
46-713	020	00
	006-080 Zweireihig Double row	00 Vergoldet Gold plated

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

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wppro.com/series-XXX

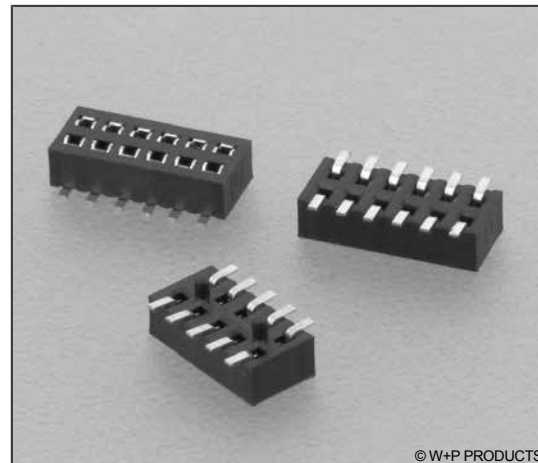
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

46-6061

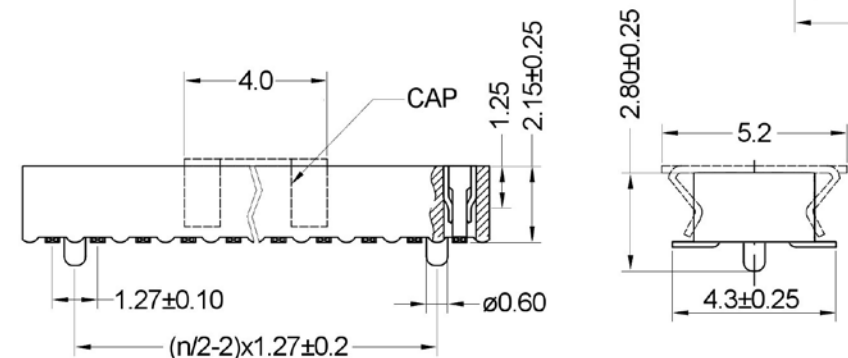
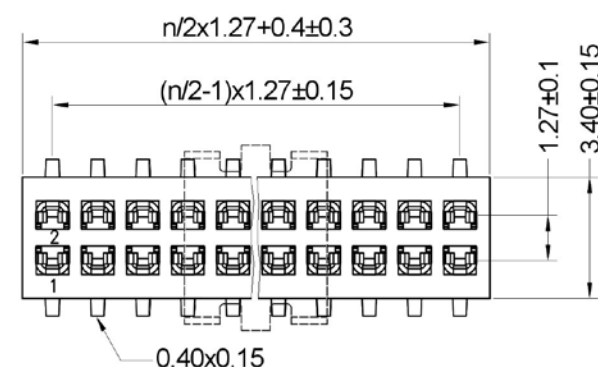
SMT-Buchsenleisten RM 1,27mm, stehend, 2-reihig – BH 2,15mm, von unten steckbar
SMT Female Headers, 1.27mm Pitch, Vertical, Double Row – 2.15mm, Bottom Entry

Technische Daten / Technical Data

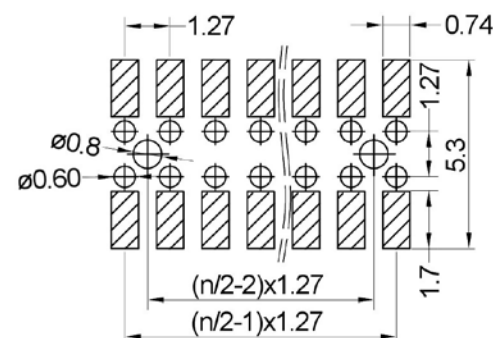
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 0,40mm Vierkantstifte
Mates with 0.40mm square pins



Recommended P.C.B Layout (Top Side) (PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Plating	Locating Pegs*	Packaging*
46-6061	022	00	10	MPST
	006-080 Zweireihig Double row	00 Vergoldet Gold plated	00 Ohne Pos. hilfen W/o loc. pegs 10 Mit Pos. hilfen With loc. pegs	ST MPST MPTR

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
MPST In Stangen mit Metall-P&P-Pads / In tubes with metal P&P-Pads
MPTR Tape & Reel mit Metall-P&P-Pads / Tape & Reel with metal P&P-Pads

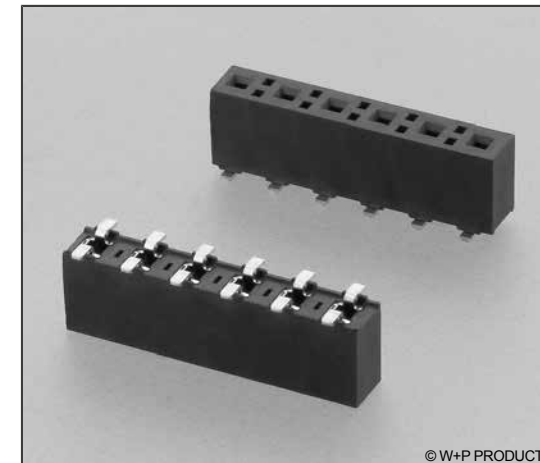
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-3950

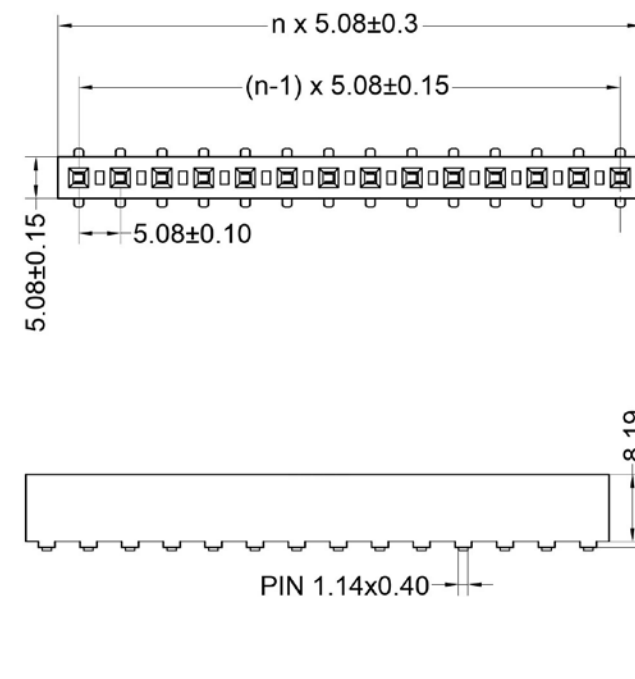
SMT-Buchsenleisten RM 5,08mm, stehend – Power-Kontakte, durchsteckbar
SMT Female Headers, 5.08mm Pitch, Vertical – Power Contacts, Pass Through

Technische Daten / Technical Data

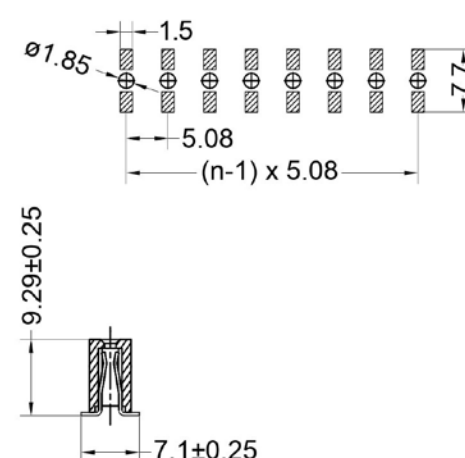
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Lt. Oberflächenoptionen, über Ni
Contact Surface	Acc. to plating options, over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	7 A
Current Rating	7 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für 1,14mm Vierkantstifte
Mates with 1.14mm square pins



Recommended P.C.B Layout (Top Side) (PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Plating*	Locating Pegs	Packaging*
46-3950	14	00	00	ST
	02-20	00 Vergoldet Gold plated 50 Verzinnt Tin plated	00 Ohne Pos.hilfen W/o loc. pegs	ST PPST PPTR

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

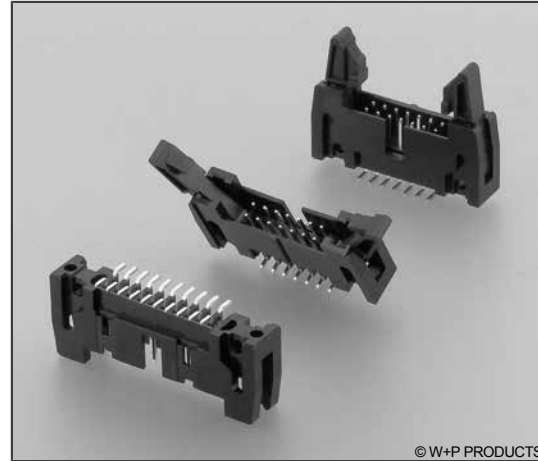
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

46-1380

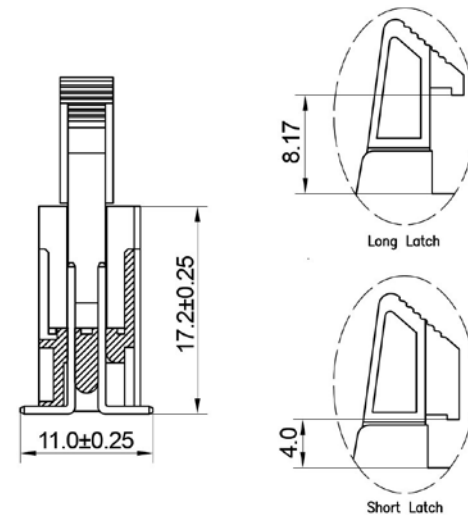
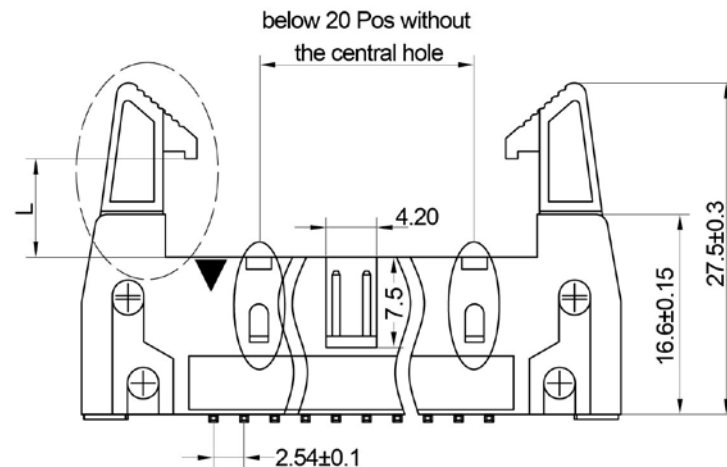
SMT-Wannenstiftleisten mit Verriegelung RM 2,54mm, stehend
SMT Box Headers with Latches, 2.54mm Pitch, Vertical

Technische Daten / Technical Data

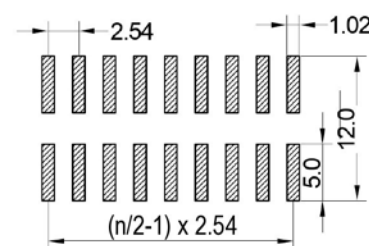
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC/DC
Test Voltage	1000 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für IDC Buchsenleisten siehe Serie 141
Mates with IDC socket connectors eg. series 141



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Latches*	Plating	Packaging*
46-1380	040	00	00	ST
	06-40 Zweireihig Double row	00 Ohne Hebel W/o latches 10 Kurze Hebel Short latches 20 Lange Hebel Long latches	00 Vergoldet Gold plated	00 ST PPST

Lieferformen / Packaging Options:

00 Im Blister / In the blister
ST In Stangen / In tubes
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

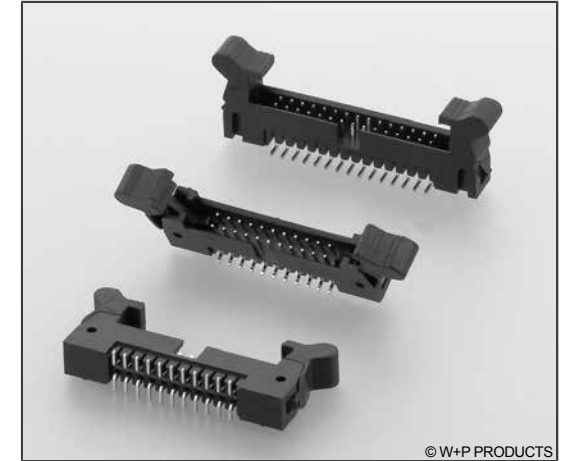
Aktuelle PDF-Datenblätter:
Latest PDF-Datasheets:

46-2380

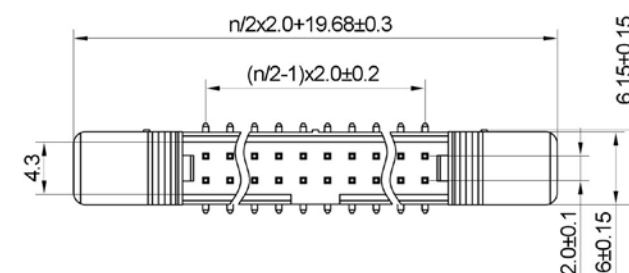
SMT-Wannenstiftleisten mit Verriegelung RM 2,00mm, stehend
SMT Box Headers with Latches, 2.00mm Pitch, Vertical

Technische Daten / Technical Data

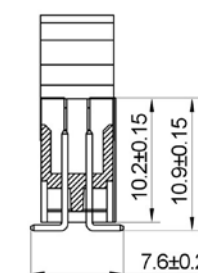
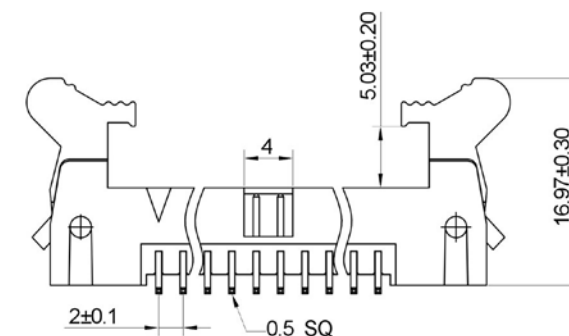
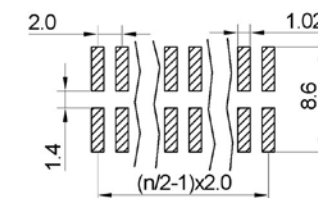
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 500 MΩ
Insulation Resistance	> 500 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



Geeignet für IDC Buchsenleisten siehe Serie 343
Mates with IDC socket connectors eg. series 343



Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Plating	Packaging*
46-2380	20	00	ST
	06-40 Zweireihig Double row	00 Vergoldet Gold Plated	ST TRAY PPTR (Option)

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
TRAY Auf Tray / On Tray
PPTR (Option) Tape&Reel mit P&P-Pads / Tape&Reel with P&P-Pads

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

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wppro.com/serie-XXX

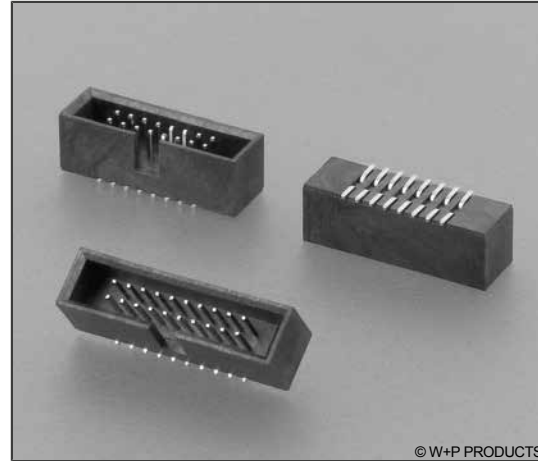
46-3360

SMT-Wannenstiftleisten RM 1,27mm, stehend

SMT Box Headers, 1.27mm Pitch, Vertical

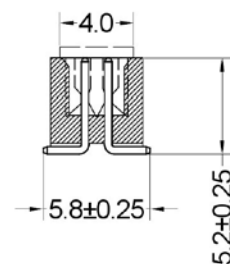
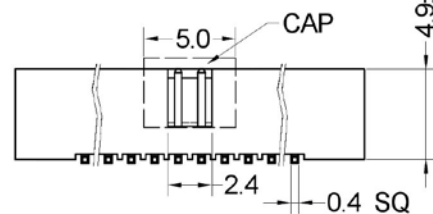
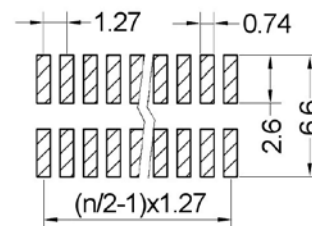
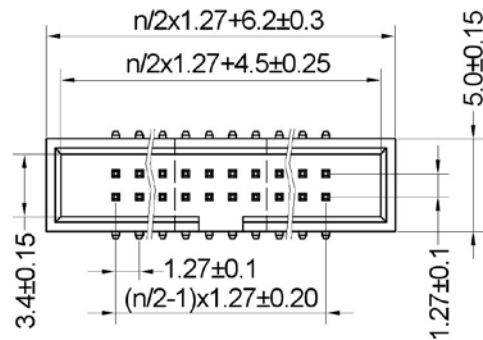
Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Au über Ni
Contact Surface	Au over Ni
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC
Test Voltage	500 V AC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-40 °C ~ +105 °C
Temperature Range	-40 °C ~ +105 °C
Verarbeitung	260 °C für 10 sec. / 230 °C für 30~60 sec.
Processing	260 °C for 10 sec. / 230 °C for 30~60 sec.



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Recommended PCB Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)



Series	Contacts*	Plating	Packaging*
46-3360	016 006-040 Zweireihig Double row	00 00 Vergoldet Gold plated	PPST ST PPST PPTR

Lieferformen / Packaging Options:

ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

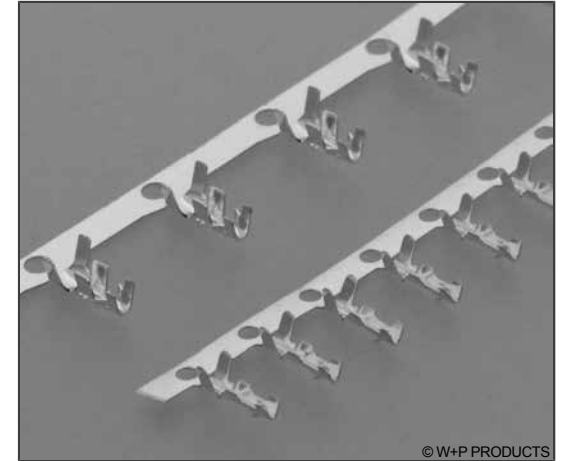
600

Board-In Crimp-Einzelkontakte

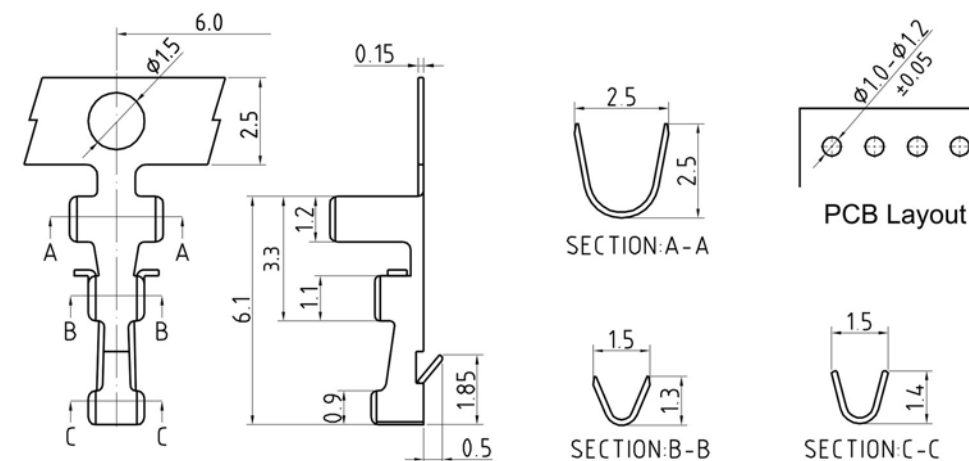
Board-In Crimp Single Contacts

Technische Daten / Technical Data

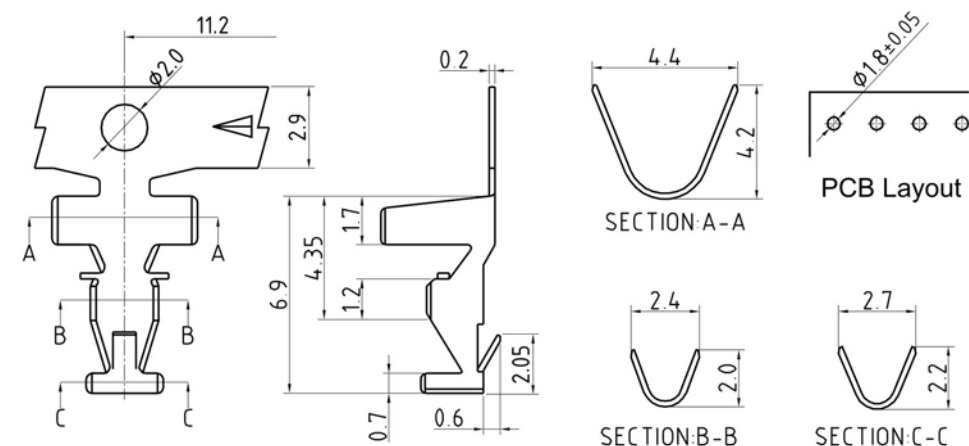
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Zinn über Nickel
Contact Surface	Tin plated over nickel
Aderquerschnitt	Lt. Optionen
Applicable Wire Gauge	Acc. to Options
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Verarbeitung	Wellenlötverfahren
Processing	Wave soldering



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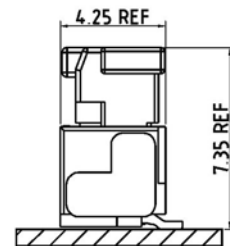
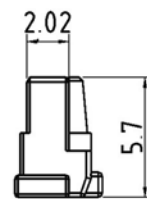
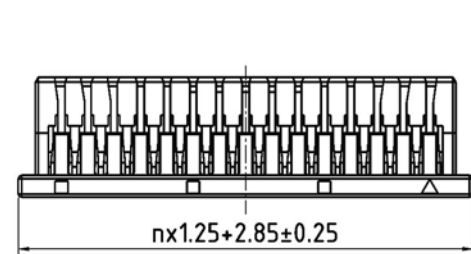
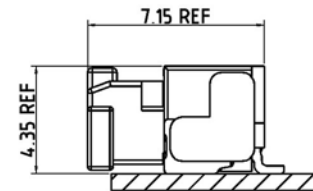
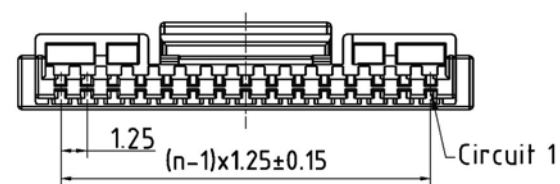
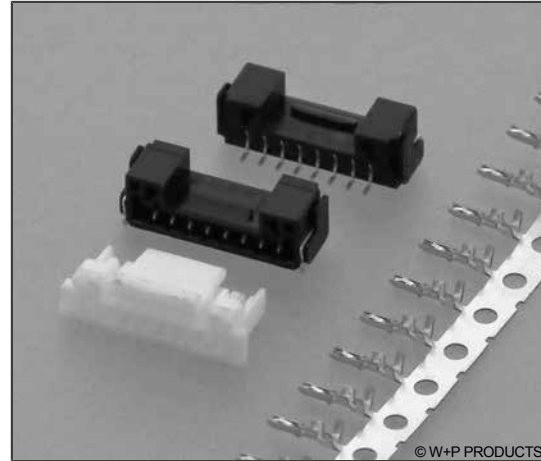
Series	Contacts	Type	Plating	Diameter	Wire Gauge
600	01	2 2 Crimp-Kontakte Crimp terminals	50 50 Sn	10 10 1.0 ~ 1.2mm Bohrung 1.0 ~ 1.2mm diameter	2428 2428 AWG 28 ~ 24



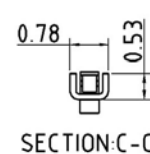
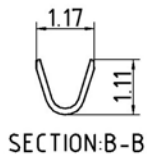
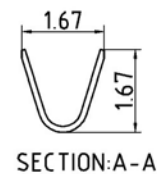
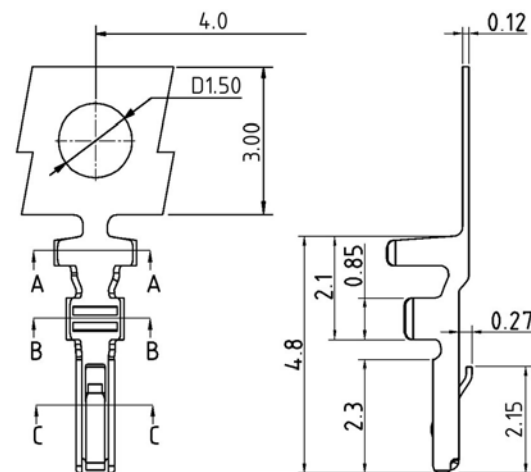
Series	Contacts	Type	Plating	Diameter	Wire Gauge
600	01	2 2 Crimp-Kontakte Crimp terminals	50 50 Sn	18 18 1.8mm Bohrung	1822 1822 AWG 22 ~ 18

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0, halogenfrei
Insulator	Thermoplastic, rated UL94 V-0, halogen free
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Aderquerschnitt	AWG 30 ~ 26
Applicable Wire Gauge	AWG 30 ~ 26
Durchgangswiderstand	< 30 mΩ
Contact Resistance	< 30 mΩ
Isolationswiderstand	> 100 MΩ
Insulation Resistance	> 100 MΩ
Spannungsfestigkeit	500 V AC
Test Voltage	500 V AC
Nennspannung	50 V AC/DC
Voltage Rating	50 V AC/DC
Nennstrom	1 A AC/DC
Current Rating	1 A AC/DC
Temperaturbereich	-25 °C ... +85 °C
Temperature Range	-25 °C ... +85 °C
Verarbeitung	Reflow-Lötverfahren
Processing	Reflow soldering



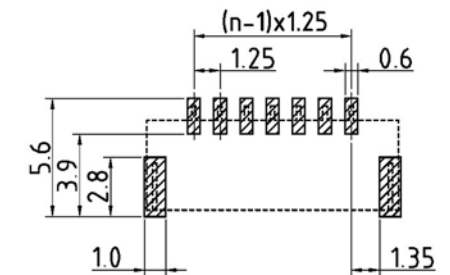
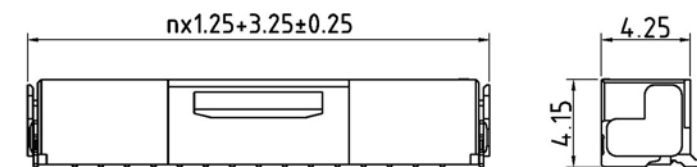
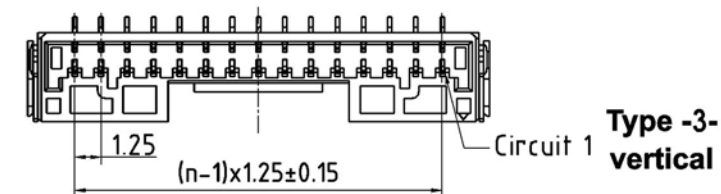
Series	Contacts*	Type	Colour
5632	04 02-15	1 1 Buchsengehäuse Female Housings	70 70 Standard: Weiß Standard: White



Series	Contacts	Type	Plating
5632	01	2 2 Buchsenkontakte Female contacts	50 50 Sn

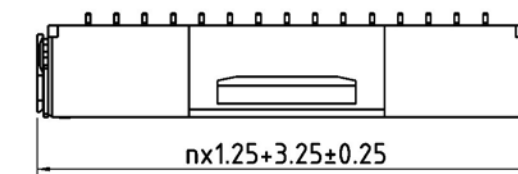
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Aktuelle PDF-Datenblätter:
Latest PDF-Datasheets:

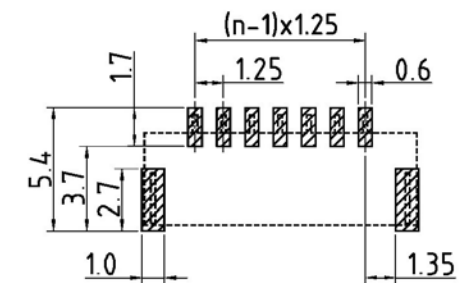
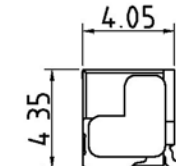
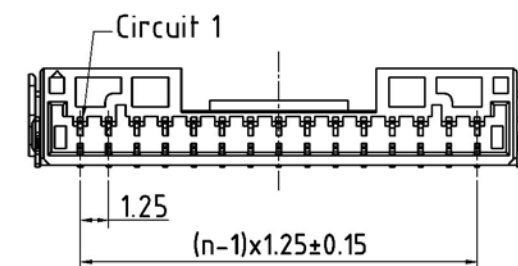


**Recommended
PCB Layout**

Series	Contacts*	Type	Plating	Colour	Packaging
5632	04 02-15	3 3 Stiftleiste stehend Male connector vertical	50 50 Sn	10 10 Standard: Schwarz Standard: Black	FTR FTR



**Type -4-
horizontal**



**Recommended
PCB Layout**

Series	Contacts	Type	Plating	Colour	Packaging
5632	04	4 4 Stiftleiste liegend Male connector horizontal	50	10 10 Standard: Schwarz Standard: Black	TR TR

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

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wppro.com/serie-XXX

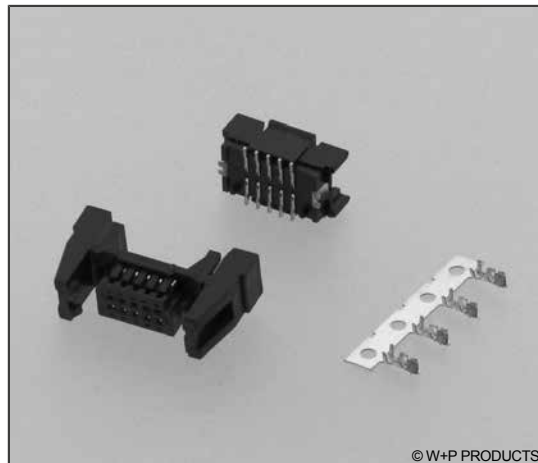
Lieferformen / Packaging Options:

FTR Tape & Reel mit Film-Pad / Tape & Reel with Film-Pad
TR Tape & Reel ohne Pick & Place Pad / Tape & Reel w/o Pick & Place Pad

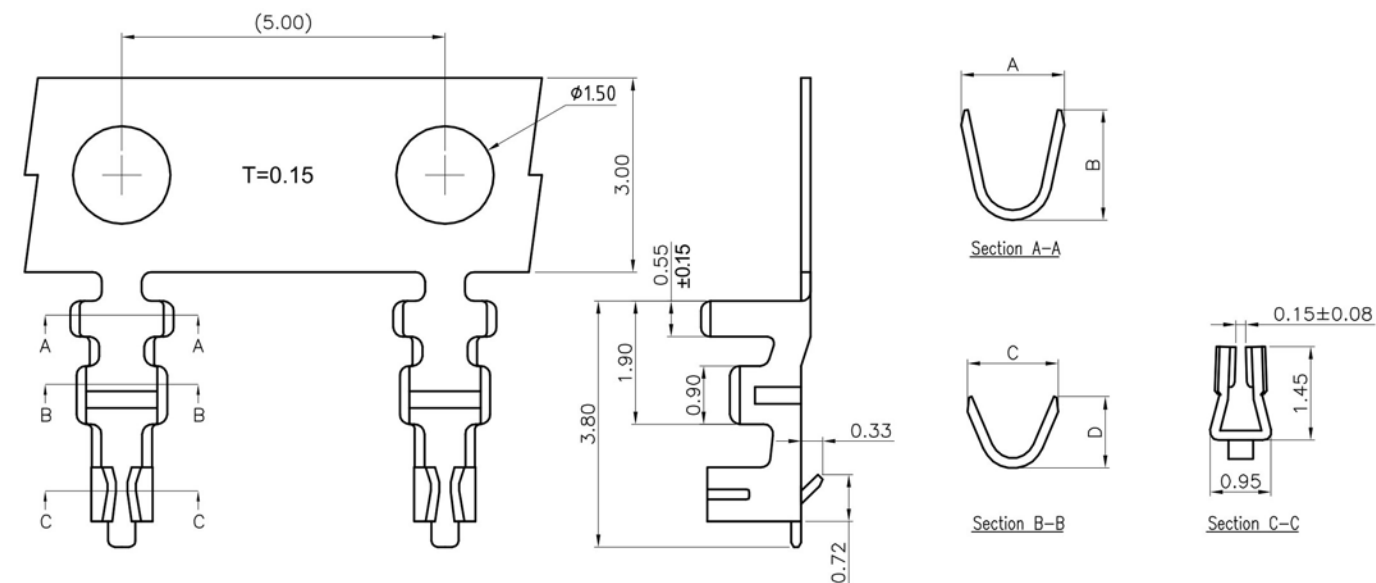
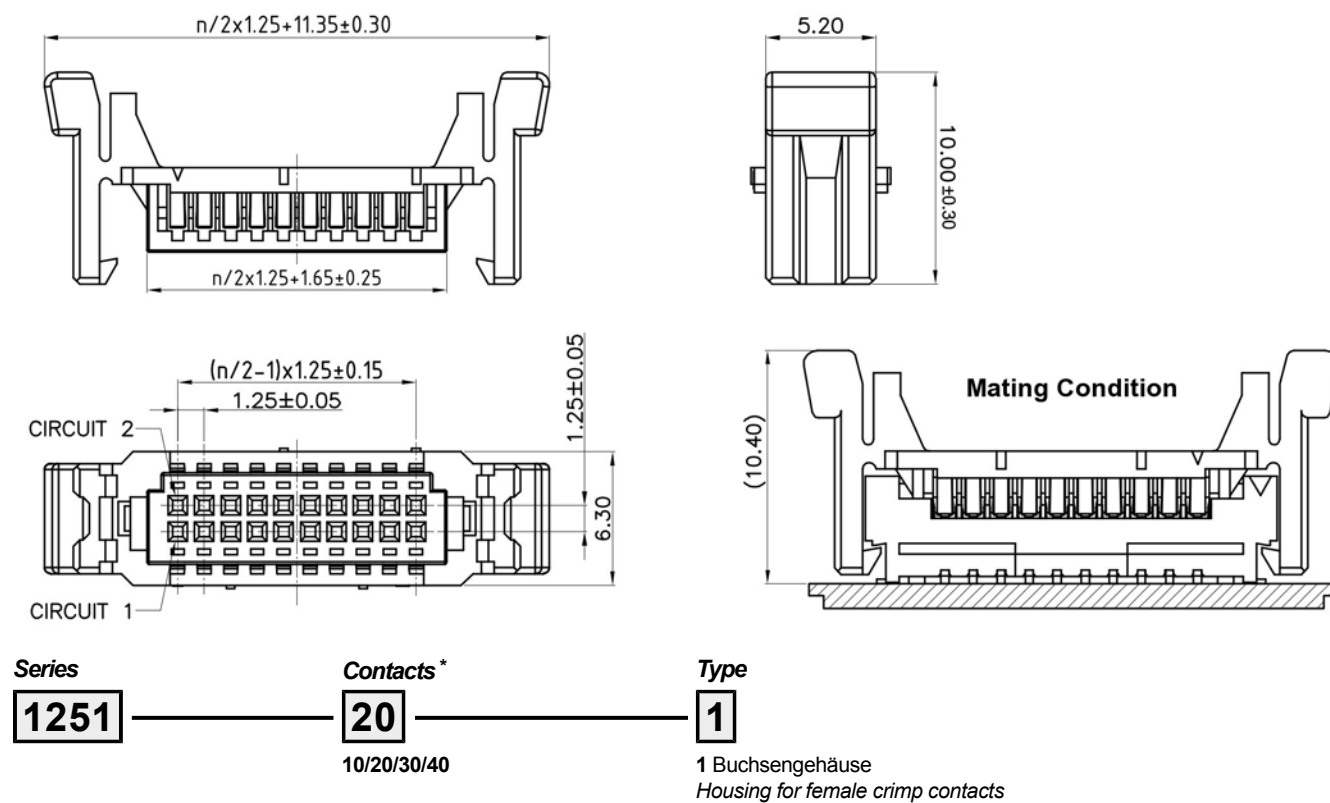
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Technische Daten / Technical Data

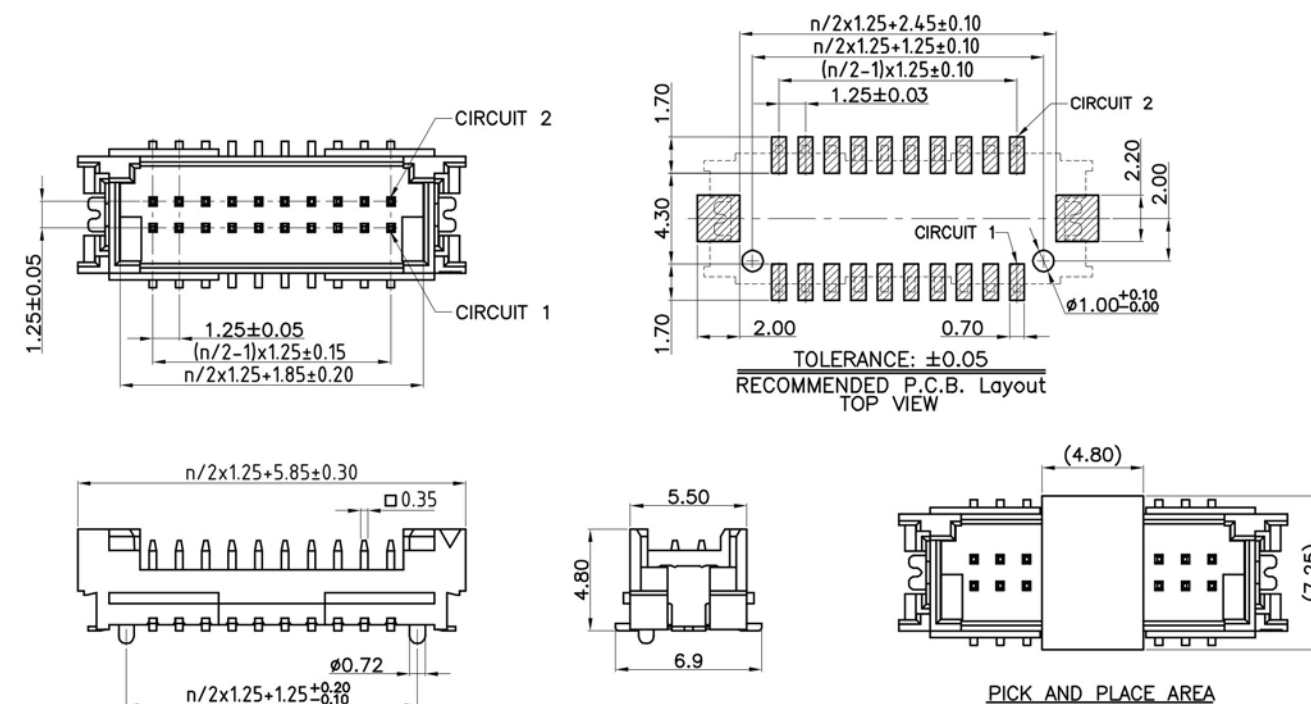
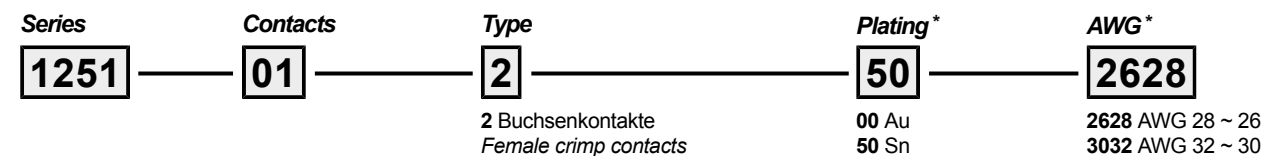
Isolierkörper	Thermoplast, UL94 V-0, halogenfrei
Insulator	Thermoplastic, UL94 V-0, halogen free
Aderquerschnitt	AWG 32 ~ 26
Applicable Wire Gauge	AWG 32 ~ 26
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 500 MΩ
Insulation Resistance	> 500 MΩ
Spannungsfestigkeit	500 V AC
Test Voltage	500 V AC
Nennspannung	100 V AC/DC
Voltage Rating	100 V AC/DC
Nennstrom	1 A
Current Rating	1 A
Temperaturbereich	-25 °C ... +85 °C
Temperature Range	-25 °C ... +85 °C



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Wire Range	Insulation O.D.	DIM.(mm)			
		A	B	C	D
AWG#26~#28	Ø0.70~0.90mm	1.6	1.7	1.4	1.1
AWG#30~#32	Ø0.40~0.70mm	1.4	1.3	1.1	1.0



* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

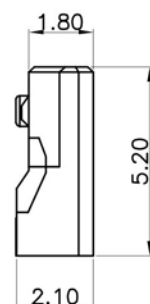
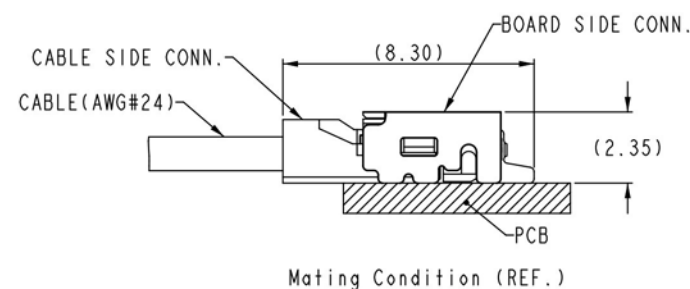
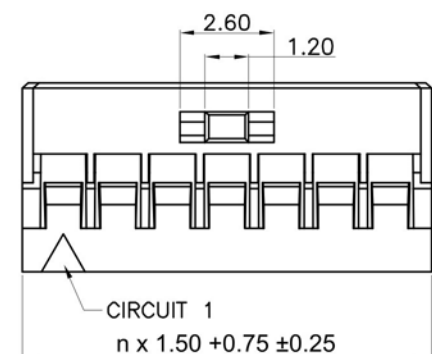
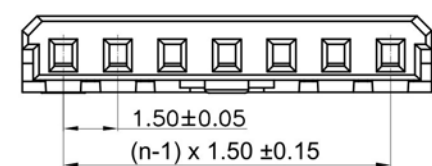
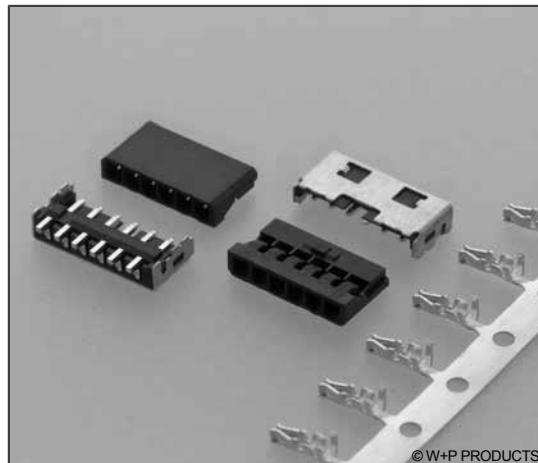
Lieferformen / Packaging Options:
PPTR Tape & Reel mit Pick & Place Pad / Tape & Reel with Pick & Place Pad

5692

Geschirmte SMT Crimp-Rast-Stift-/Buchsenleisten RM 1,50mm, liegend **Shielded SMT Friction Lock Pin Headers & Crimp Housings, 1.50mm Pitch, Horizontal**

Technische Daten / Technical Data

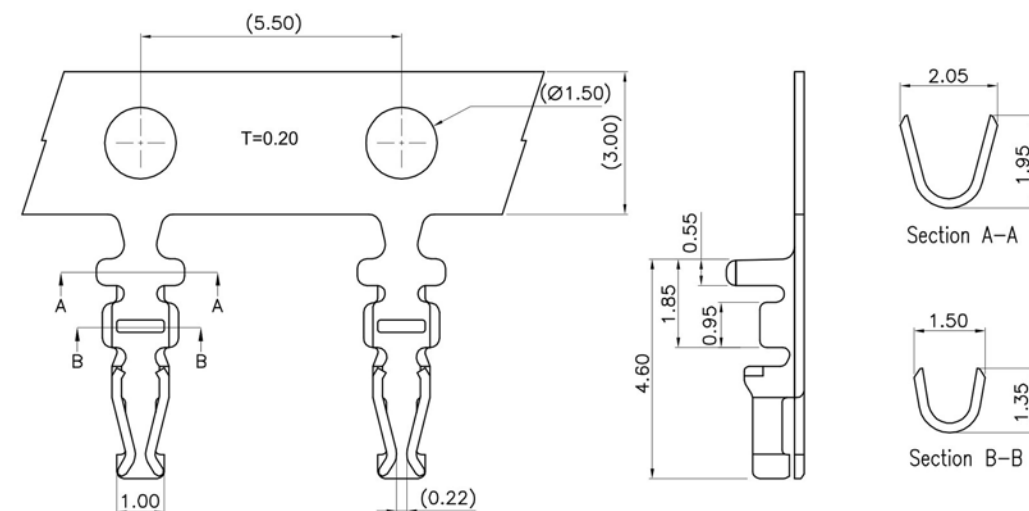
Gehäuse	Rostfreier Stahl
Shell	Stainless steel
Isolierkörper	Thermoplast, nach UL94 V-0, halogenfrei
Insulator	Thermoplastic, rated UL94 V-0, halogen-free
Farbe	Schwarz
Colour	Black
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Lt. Oberflächenoptionen, über Ni
Contact Surface	Acc. to options (see below), over Ni
Aderquerschnitt	AWG 30 ~ 24
Applicable Wire Gauge	AWG 30 ~ 24
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 500 MΩ
Insulation Resistance	> 500 MΩ
Spannungsfestigkeit	500 V AC/DC
Test Voltage	500 V AC/DC
Nennspannung	50 V AC/DC
Voltage Rating	50 V AC/DC
Nennstrom	3,5 A max.
Current Rating	3.5 A max.
Temperaturbereich	-25 °C ... +85 °C
Temperature Range	-25 °C ... +85 °C
Verarbeitung	260 °C max. für 10 sec. max.
Processing	260 °C max. for 10 sec. max.



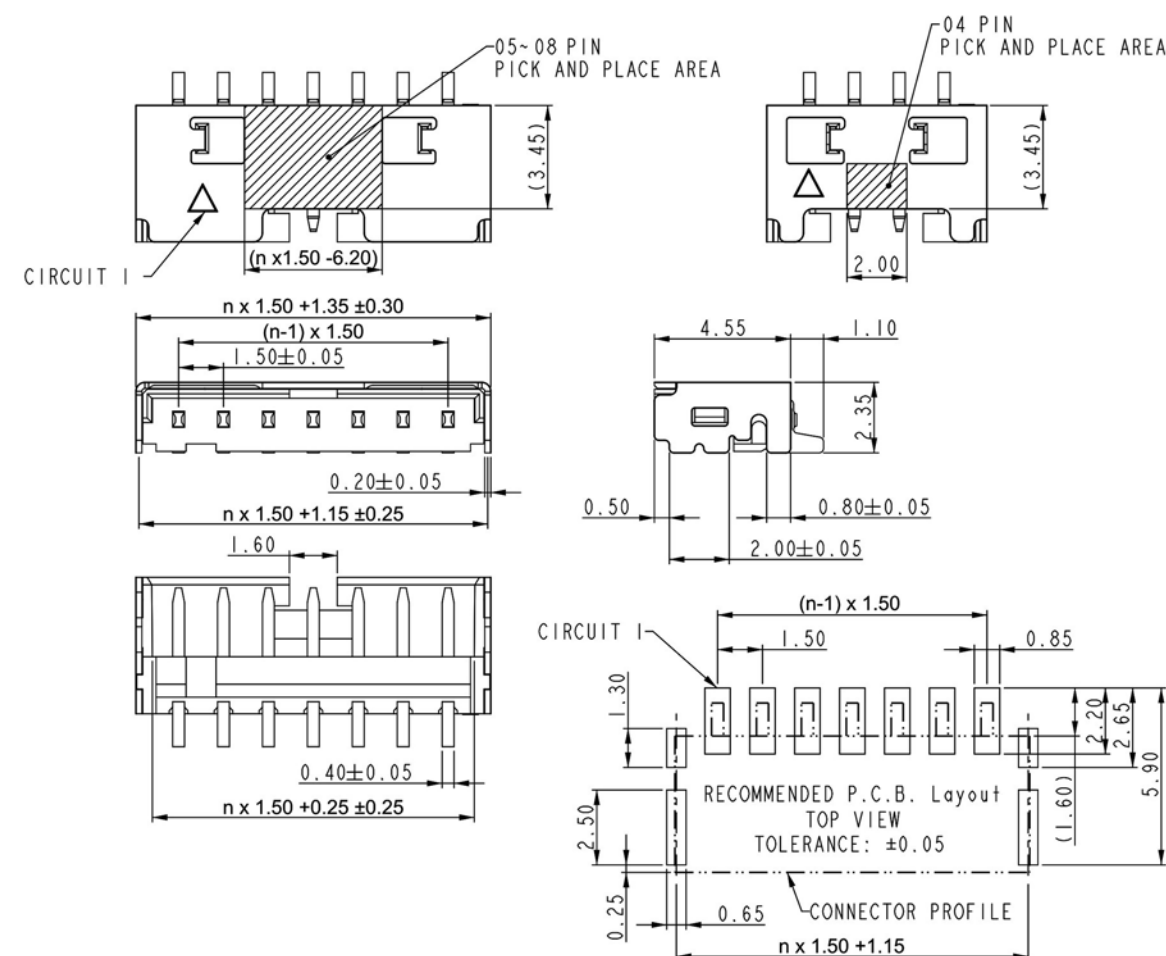
Series **5692** — Contacts* **07** — Type* **1**
 04-08
 1 Gehäuse für Buchsenkontakte
 Housings for female terminals

5692

Geschirmte SMT Crimp-Rast-Stift-/Buchsenleisten RM 1,50mm, liegend **Shielded SMT Friction Lock Pin Headers & Crimp Housings, 1.50mm Pitch, Horizontal**



Series **5692** — Contacts **01** — Type* **2** — Plating* **00** — AWG **2430**
 2 Buchsenkontakte
 Female terminals
 00 Au flash
 50 Sn
 2430 AWG 30 ~ 24



Series **5692** — Contacts* **07** — Type **4** — Plating* **00** — Packing **TR**
 04-08
 4 Stiftleiste liegend
 Pin header vertical
 00 Au flash
 50 Sn
 TR Tape & Reel ohne Pick & Place Pad
 Tape & Reel w/o Pick & Place Pad

* Dies ist ein Bestellbeispiel -
 bitte durch Ihre Spezifikationen ersetzen.
 * This is an order example -
 please replace by your specifications.

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Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
 Design and/or technical specifications may change without prior notice.

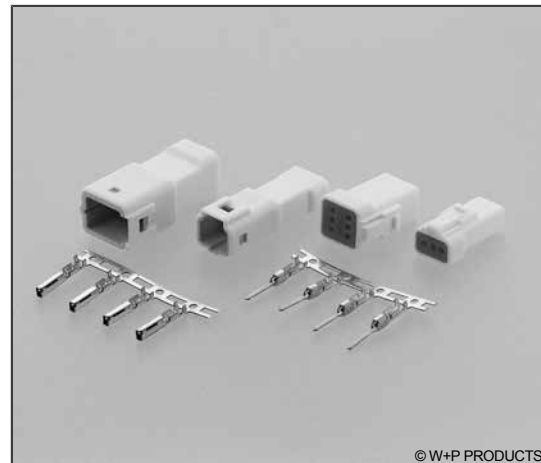
W521

Wire-To-Wire Steckverbinder RM 2mm - Waterproof IP67 Wire-To-Wire Connectors 2mm Pitch - Waterproof IP67

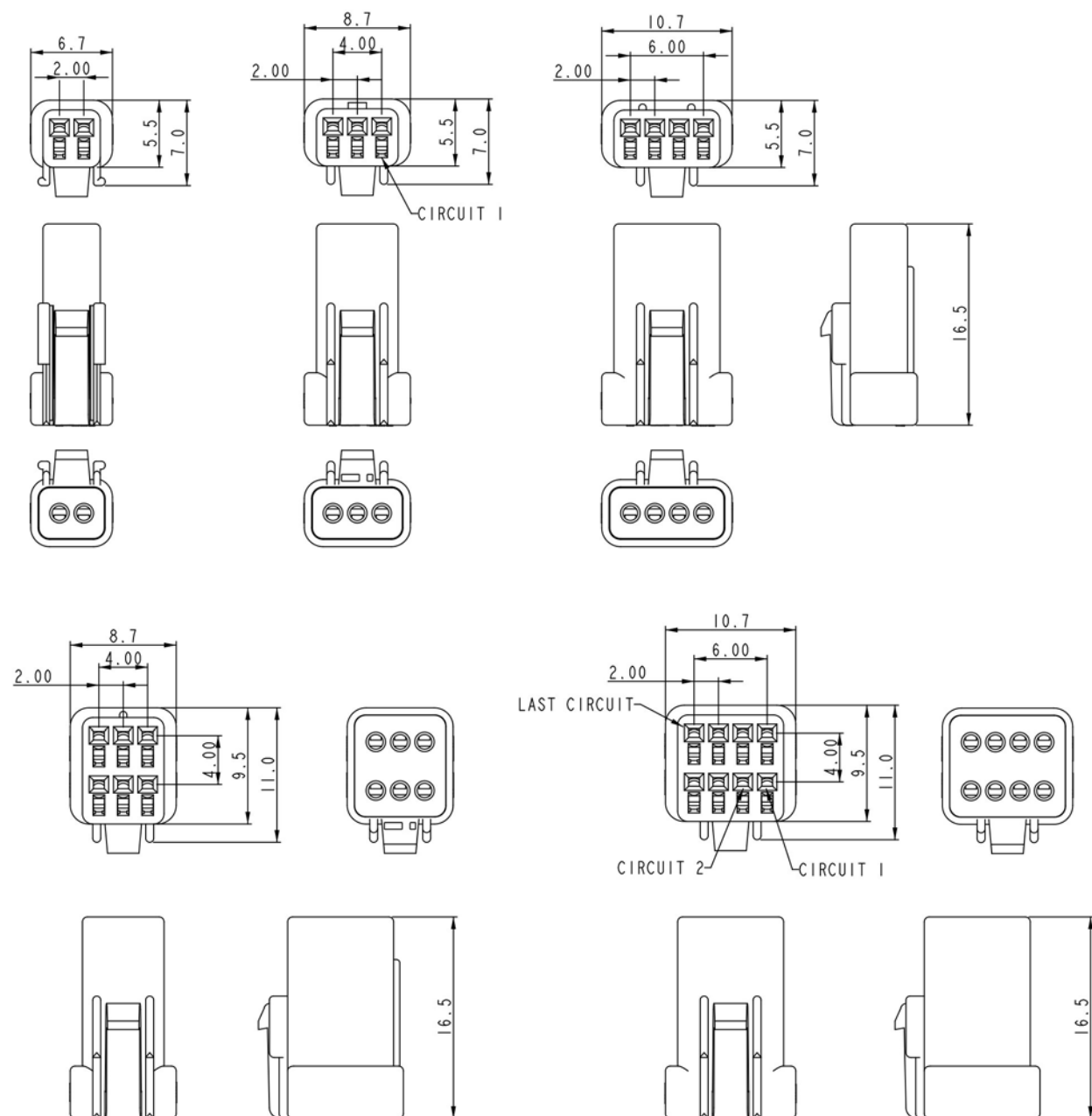
Technische Daten / Technical Data

Isolierkörper	Hochtemperaturbeständiger Kunststoff nach UL94 V-0
Insulator	High Temperature Thermoplastic rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Lt. Oberflächenoptionen, über Ni
Contact Surface	Acc. to options (see below), over Ni
Aderquerschnitt	AWG 26 ~ 22 (Außendurchmesser 1,4 ~ 1,7mm)
Applicable Wire Gauge	AWG 26 ~ 22 (outer diameter 1.4 ~ 1.7mm)
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ (initial)
Insulation Resistance	> 1000 MΩ (initial)
Spannungsfestigkeit	1000 V AC
Test Voltage	1000 V AC
Nennspannung	100 V AC/DC
Voltage Rating	100 V AC/DC
Nennstrom	Bis zu 4 A (für AWG22)
Current Rating	Up to 4 A (for AWG22)
Temperaturbereich	-55 °C ... +85 °C
Temperature Range	-55 °C ... +85 °C

Dichtmaterial Silicongummi
Sealing Material Silicone Rubber

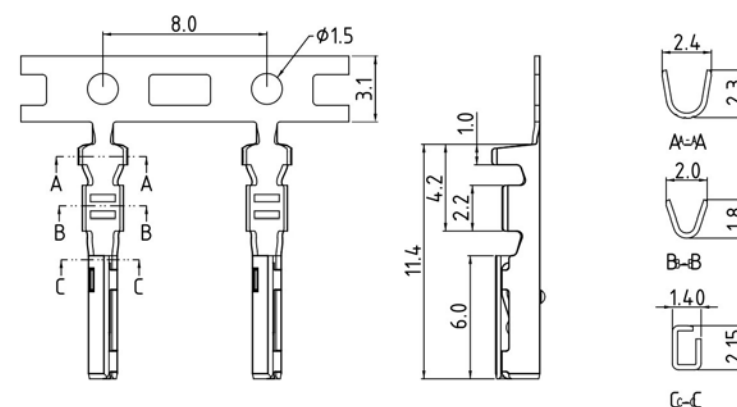


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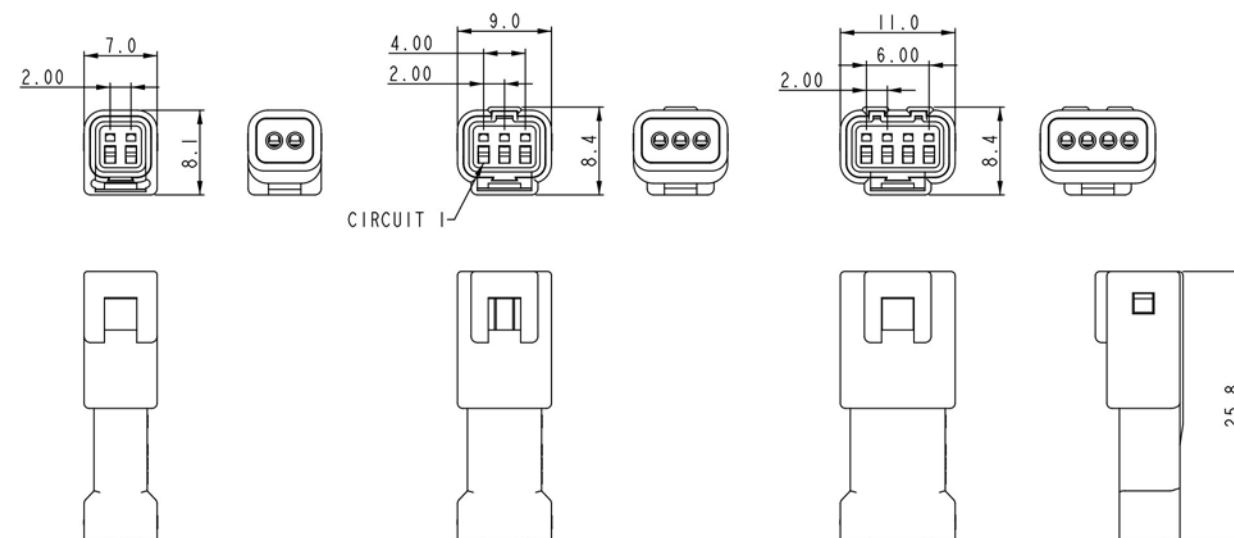


W521

Wire-To-Wire Steckverbinder RM 2mm - Waterproof IP67 Wire-To-Wire Connectors 2mm Pitch - Waterproof IP67



Series	Contacts*	Type*	Rows*	Plating
W521	04	1	1	50
	01 Für Kontakte For terminals 02-04 Einreihig Single row 06/08 Zweireihig Double row	1 Buchsengehäuse IP67 Female Housing IP67 2 Buchsenkontakte Female terminals	1 Einreihig Single row 2 Zweireihig Double row (nur für Gehäuse) (for housings only)	50 Sn (nur für Kontakte) Sn (for terminals only)



W521

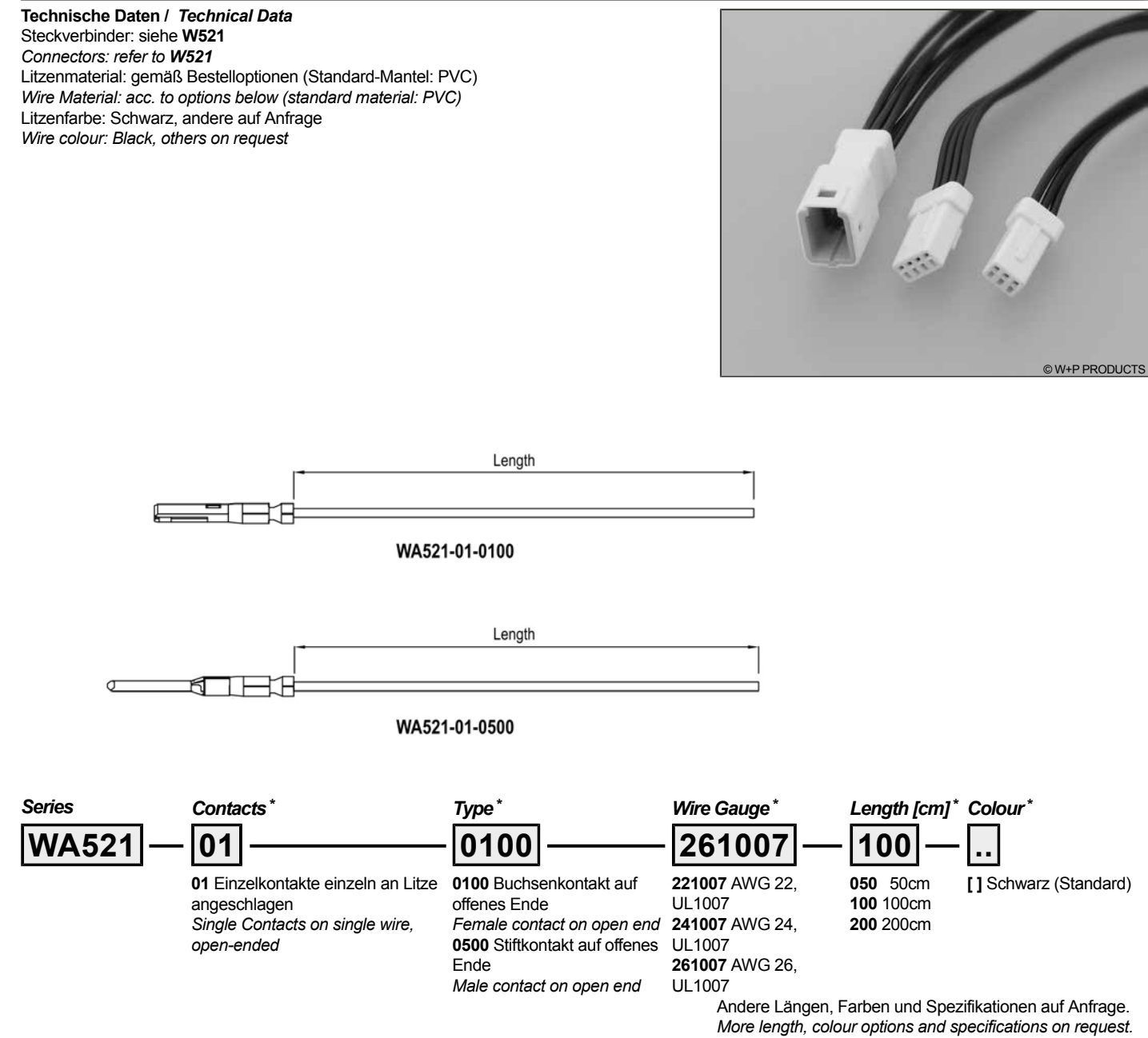
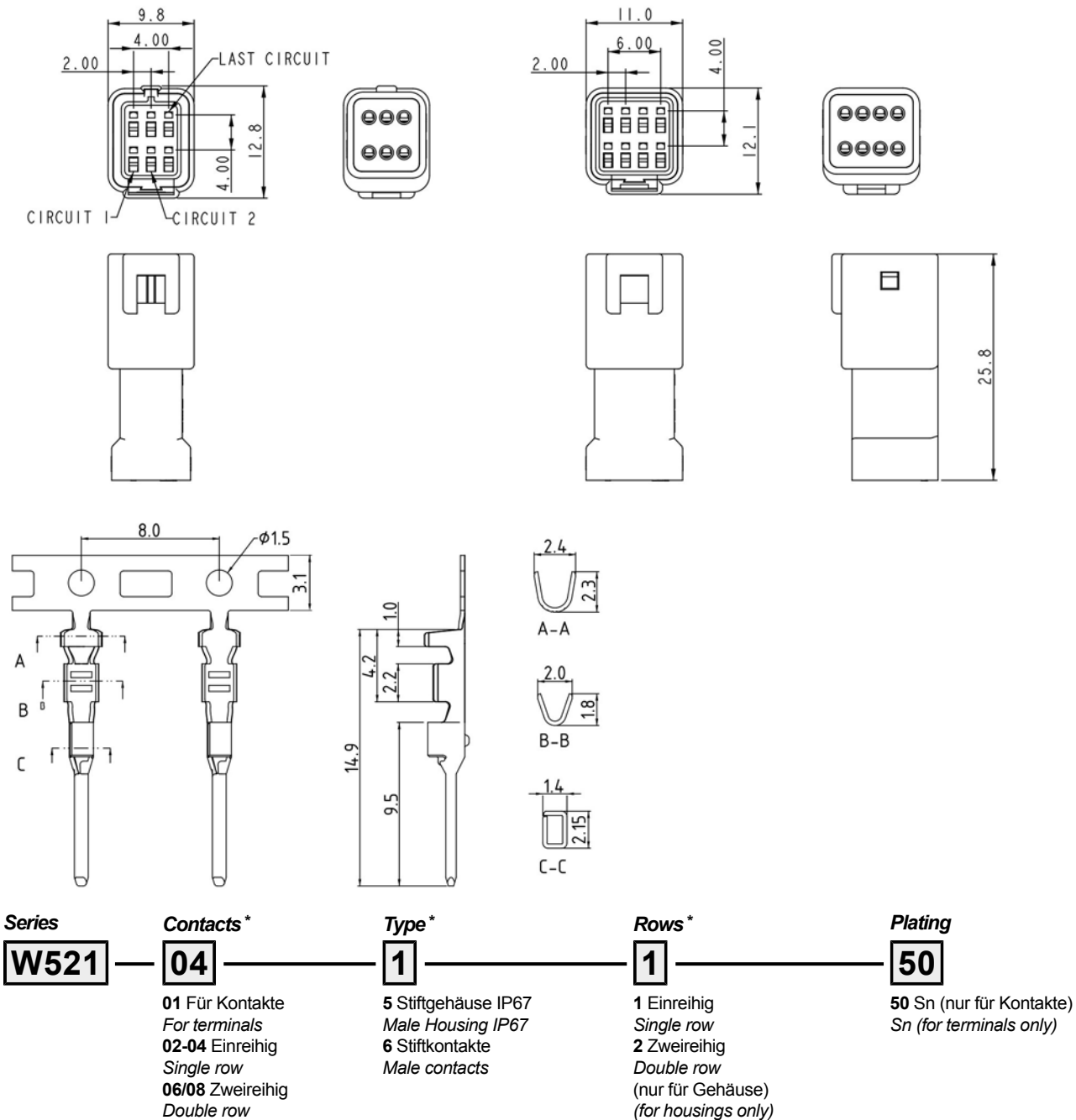
Wire-To-Wire Steckverbinder RM 2mm - Waterproof IP67

Wire-To-Wire Connectors 2mm Pitch - Waterproof IP67

WA521

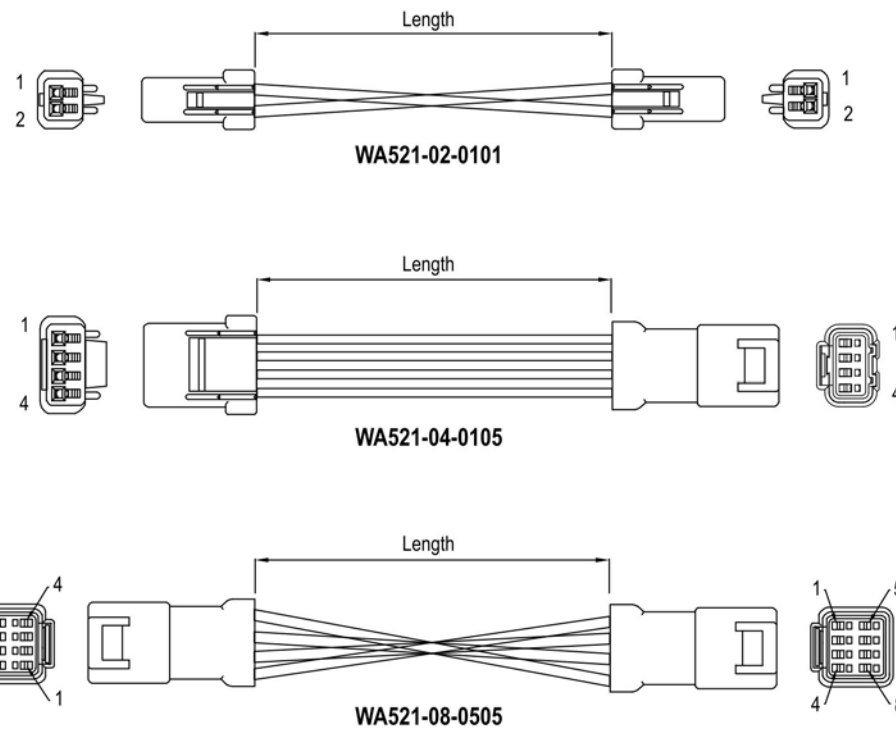
Wire-To-Wire Kabelkonfektion RM 2mm - Waterproof IP67

Wire-To-Wire Cable Assembly 2mm Pitch - Waterproof IP67



* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

es ist ein **Bestellbeispiel** -
durch Ihre Spezifikationen ersetzen.
is is an **order example** -
use replace by your specifications.



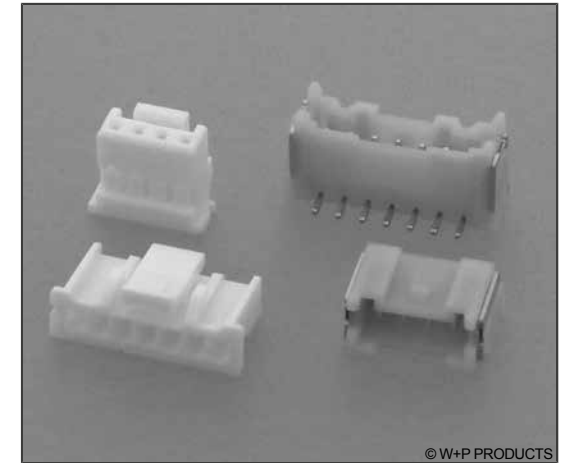
Series	Contacts *	Type *	Wire Gauge *	Length [cm] *	Colour *
WA521	04	0101	261007	100	..
	02-04 Mit einreihigem Gehäuse <i>With single row housing</i> 06/08 Mit zweireihigem Gehäuse <i>With double row housing</i>	0101 Buchsenkontakte auf Buchsenkontakte <i>Female contacts on female contacts</i> 0105 Buchsenkontakte auf Stiftkontakte <i>Female contacts on male contacts</i> 0505 Stiftkontakte auf Stiftkontakte <i>Male contacts on male contacts</i>	221007 AWG 22, UL1007 241007 AWG 24, UL1007 261007 AWG 26, UL1007	050 50cm 100 100cm 200 200cm	[] Schwarz (Standard)

Andere Längen, Farben und Spezifikationen auf Anfrage.
More length, colour options and specifications on request.

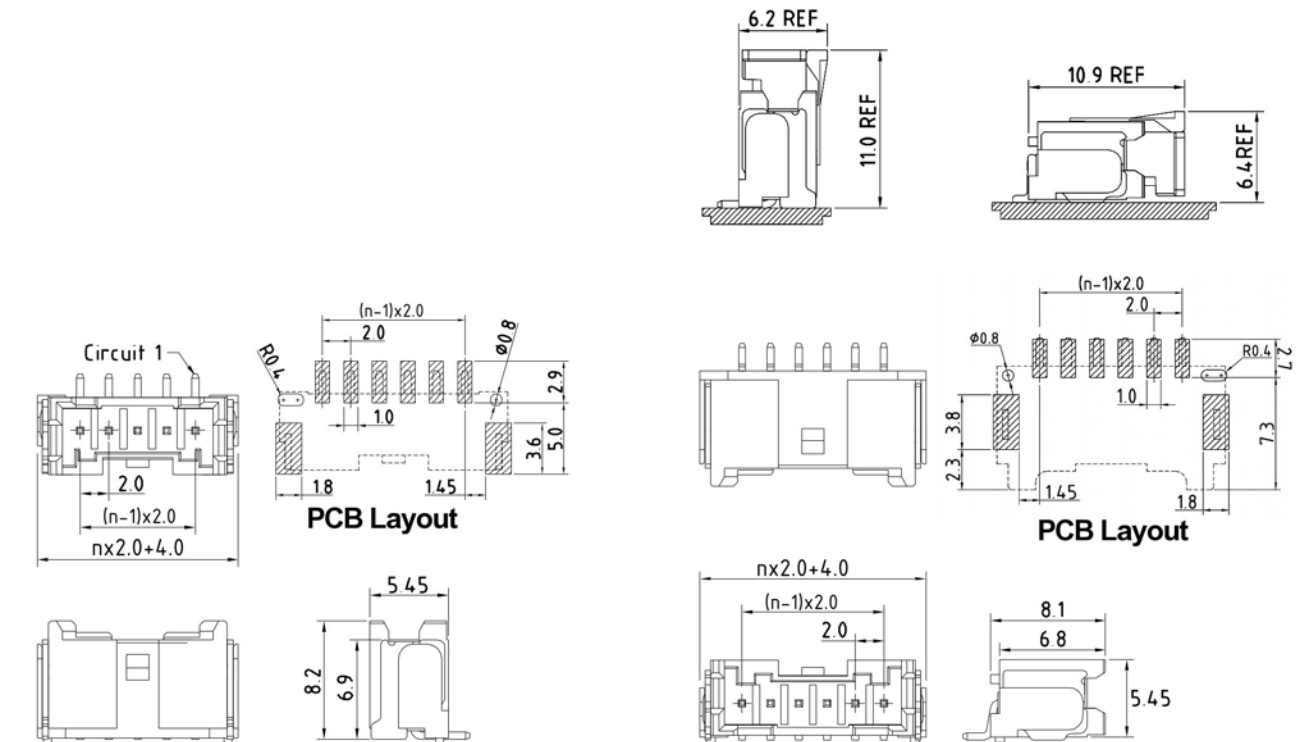
SMT-Crimp-Rast-Stiftleisten RM 2,00mm, stehend/liegend
SMT Friction Lock Pin Headers, 2.00mm Pitch, Vertical/Horizontal

Technische Daten / *Technical Data*

Isolierkörper	Thermoplast, nach UL94 V-0, halogenfrei
<i>Insulator</i>	<i>Thermoplastic, UL94 V-0, halogen-free</i>
Farbe	Weiß / natur
<i>Colour</i>	<i>White / natural</i>
Kontaktmaterial	Vierkantstift 0,50mm, Kupferlegierung
<i>Contact Material</i>	<i>Square pin 0.50mm, copper alloy</i>
Durchgangswiderstand	< 20 mΩ
<i>Contact Resistance</i>	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
<i>Insulation Resistance</i>	> 1000 MΩ
Spannungsfestigkeit	800 V AC
<i>Test Voltage</i>	<i>800 V AC</i>
Nennspannung	250 V AC/DC
<i>Voltage Rating</i>	<i>250 V AC/DC</i>
Nennstrom	3 A
<i>Current Rating</i>	<i>3 A</i>
Temperaturbereich	-25 °C ... +105 °C
<i>Temperature Range</i>	<i>-25 °C ... +105 °C</i>
Verarbeitung	Reflow-Lötverfahren
<i>Processing</i>	<i>Reflow soldering</i>



Passendes Buchsengehäuse Serie:
Mating housings Series:
549



Series	Contacts*	Type*	Locating Pegs*	Plating	Packaging*
5490	05 02-11 Weitere Polzahlen auf Anfrage More contacts on request	3 3 Stiftheile stehend Pin header vertical 4 Stiftheile liegend Pin header horizontal	10 00 Ohne Positionierhilfen W/o locating pegs 10 Mit Positionierhilfen With locating pegs	50 50 Sn	PPTR TR PPTR

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* *This is an **order example** -
please replace by your specifications.*

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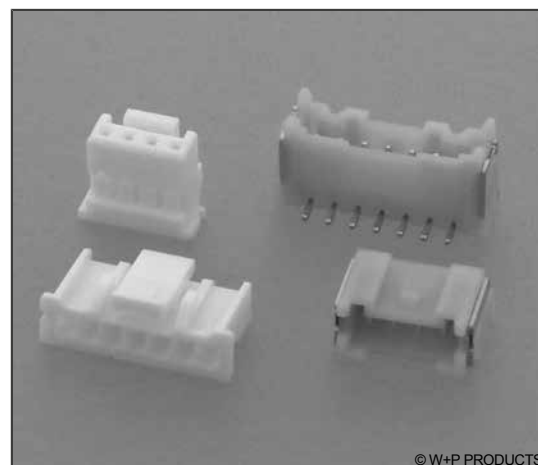
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Lieferformen / Packaging Options:

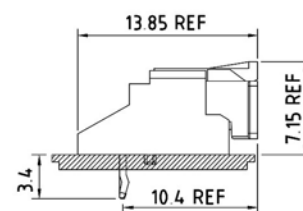
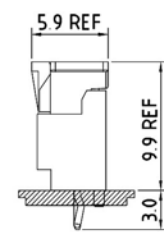
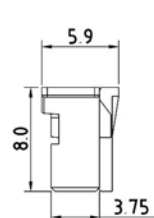
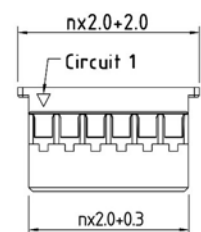
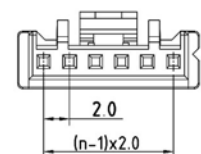
TR Tape & Reel ohne Pick&Place-Pads / *Tape & Reel w/o Pick&Place-Pads*
PPTR Tape & Reel mit Pick&Place-Pads / *Tape & Reel with Pick&Place-Pads*

Technische Daten / Technical Data

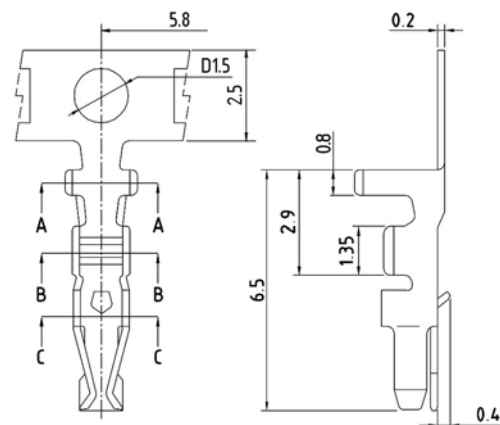
Isolierkörper	Thermoplast, nach UL94 V-0, halogenfrei
Insulator	Thermoplastic, UL94 V-0, halogen-free
Farbe	Weiß / natur
Colour	White / natural
Kontaktmaterial	Vierkantstift 0,50mm, Kupferlegierung
Contact Material	Square pin 0.50mm, copper alloy
Aderquerschnitt	AWG 28 ~ 22
Applicable Wire Gauge	AWG 28 ~ 22
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	800 V AC
Test Voltage	800 V AC
Nennspannung	250 V AC/DC
Voltage Rating	250 V AC/DC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-25 °C ... +105 °C
Temperature Range	-25 °C ... +105 °C
Verarbeitung	Wellenlötverfahren
Processing	Wave soldering



Buchsengehäuse passt auch zur Serie:
Housing mates also with Series:
5490



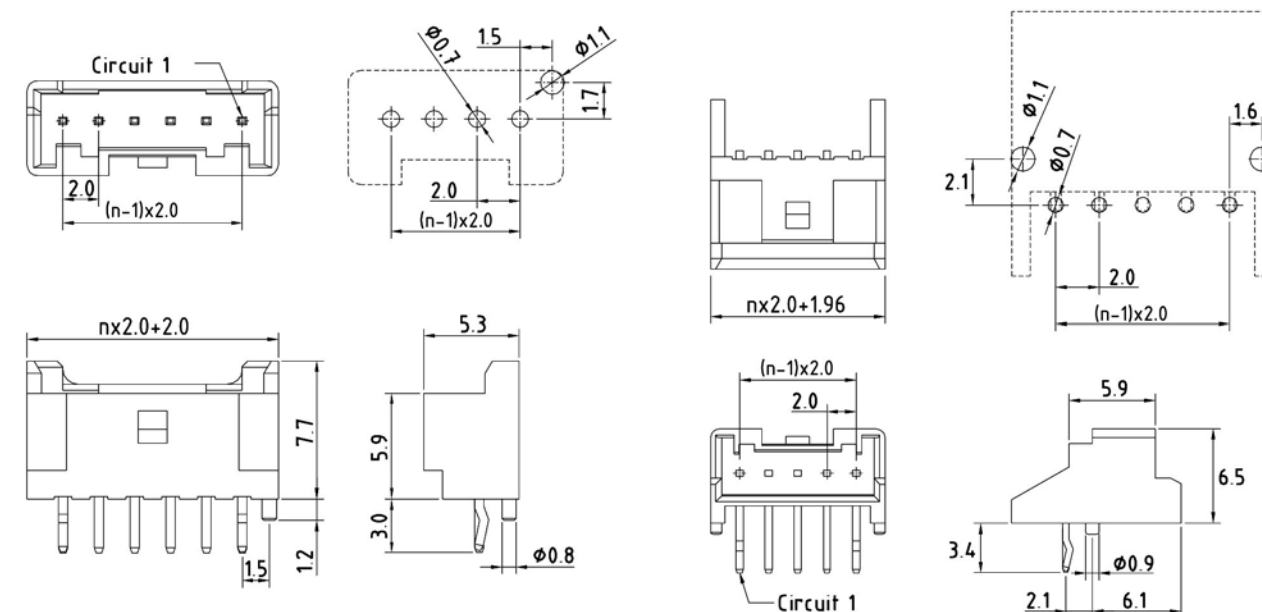
Series	Contacts	Type
549	06	1
	02-11 Weitere Polzahlen auf Anfrage More contacts on request	1 Buchsengehäuse Female Header



Series	Contacts	Type	Plating
549	01	2	50
		2 Crimp-Buchsenkontakt Crimp terminal female	50 Sn

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Aktuelle PDF-Datenblätter:
Latest PDF-Datasheets:



Series	Contacts*	Type*	Plating
549	05	3	50
	02-11 Weitere Polzahlen auf Anfrage More contacts on request	3 Stiftleiste gerade Pin Header straight 4 Stiftleiste gewinkelt Pin Header right-angled	50 Sn

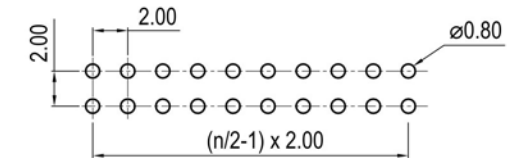
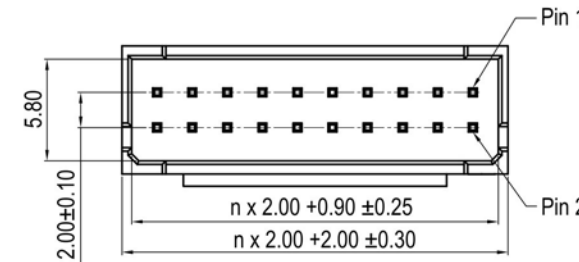
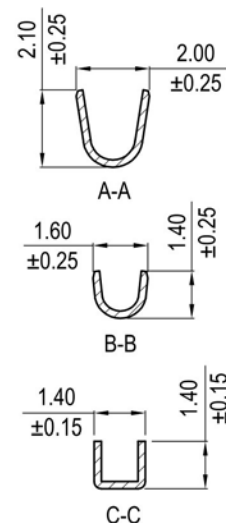
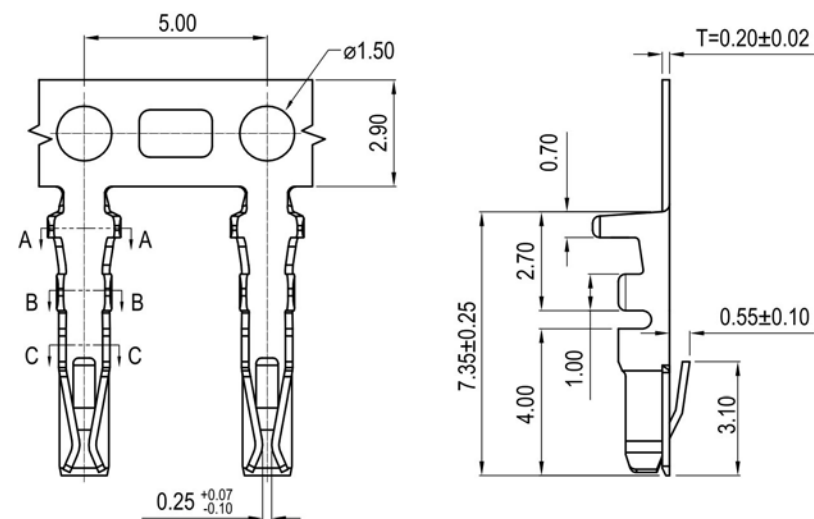
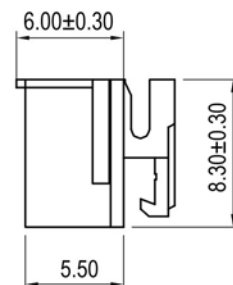
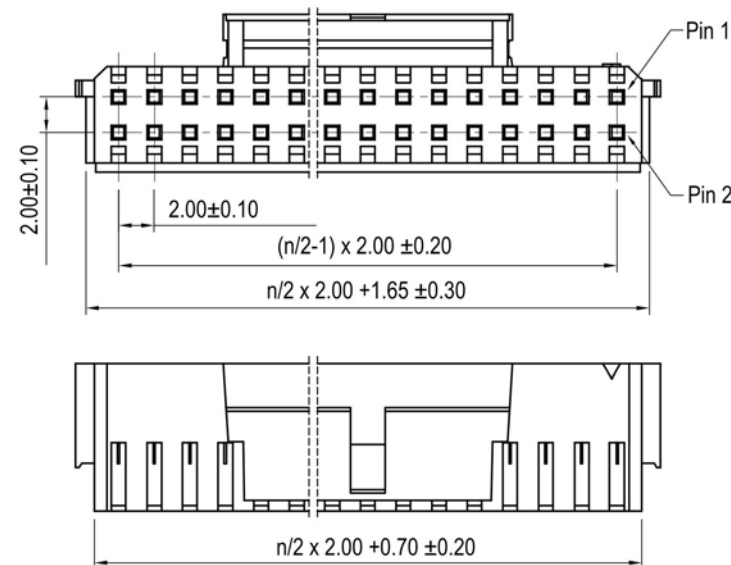
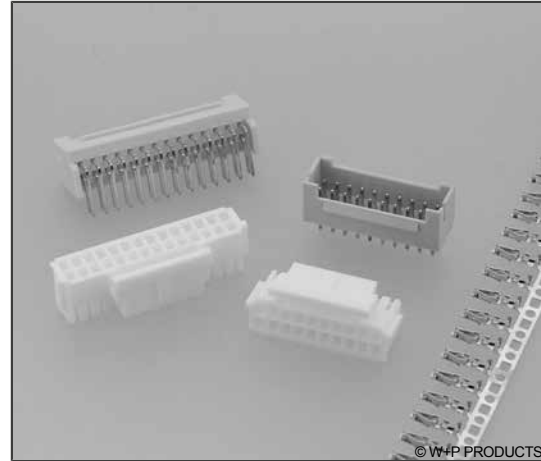
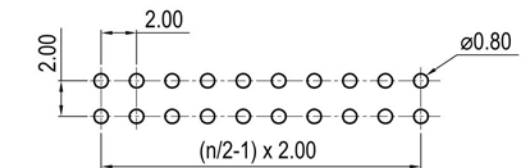
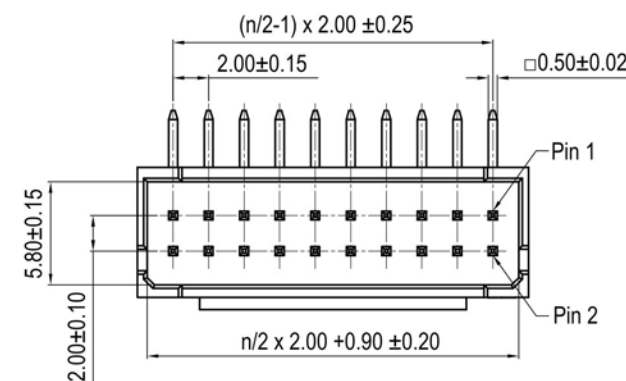
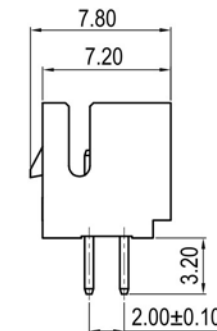
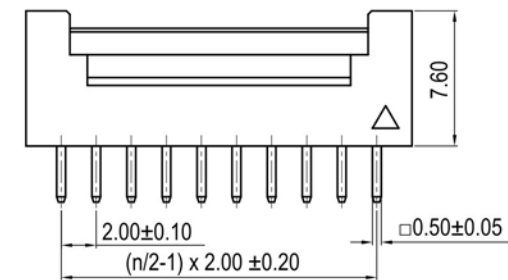
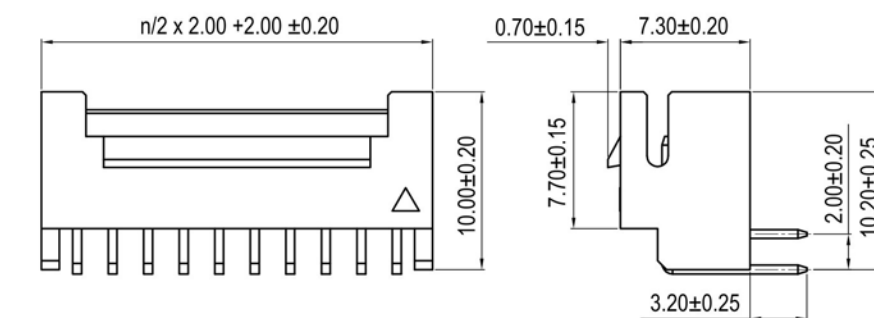
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Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Vierkantstift 0,50mm, Kupferlegierung
Contact Material	0.50mm square pin, copper alloy
Aderquerschnitt	AWG 28 ~ 22
Applicable Wire Gauge	AWG 28 ~ 22
Durchgangswiderstand	< 20 mΩ
Contact Resistance	< 20 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1000 V AC
Test Voltage	1000 V AC
Nennspannung	250 V AC
Voltage Rating	250 V AC
Nennstrom	3 A
Current Rating	3 A
Temperaturbereich	-25 °C ... +85 °C
Temperature Range	-25 °C ... +85 °C
Verarbeitung	Wellenlötverfahren
Processing	Wave soldering


Recommended PCB Layout

Recommended PCB Layout

Serie
548
Contacts*
12
01 (Für Buchsenkontakte)
 (For female terminals)
04-40
Type*
1
1 Buchsengehäuse
 Female housing
2 Buchsenkontakte (AWG 22-28)
 Female terminals (AWG 22-28)
3 Wannenstifte gerade
 Box header straight
4 Wannenstifte gewinkelt
 Box header right-angled

Plating
50
50 Verzinkt (für Gehäuse nicht erforderlich)
 Tin plated (not needed for housings)

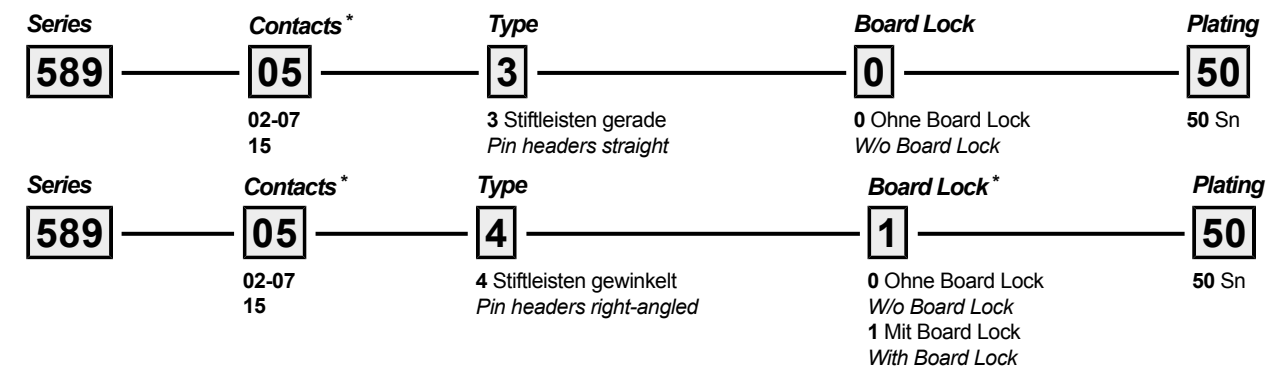
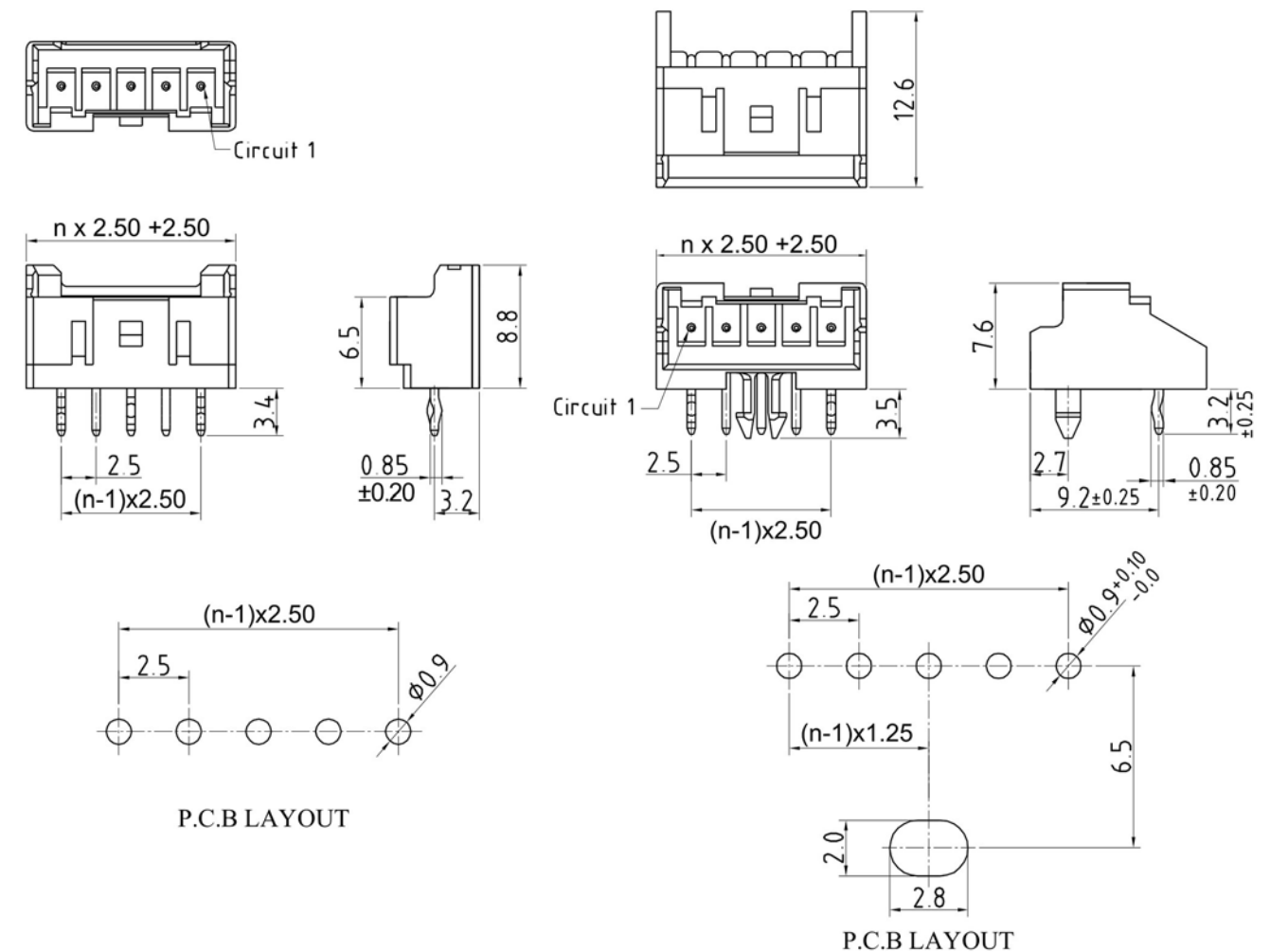
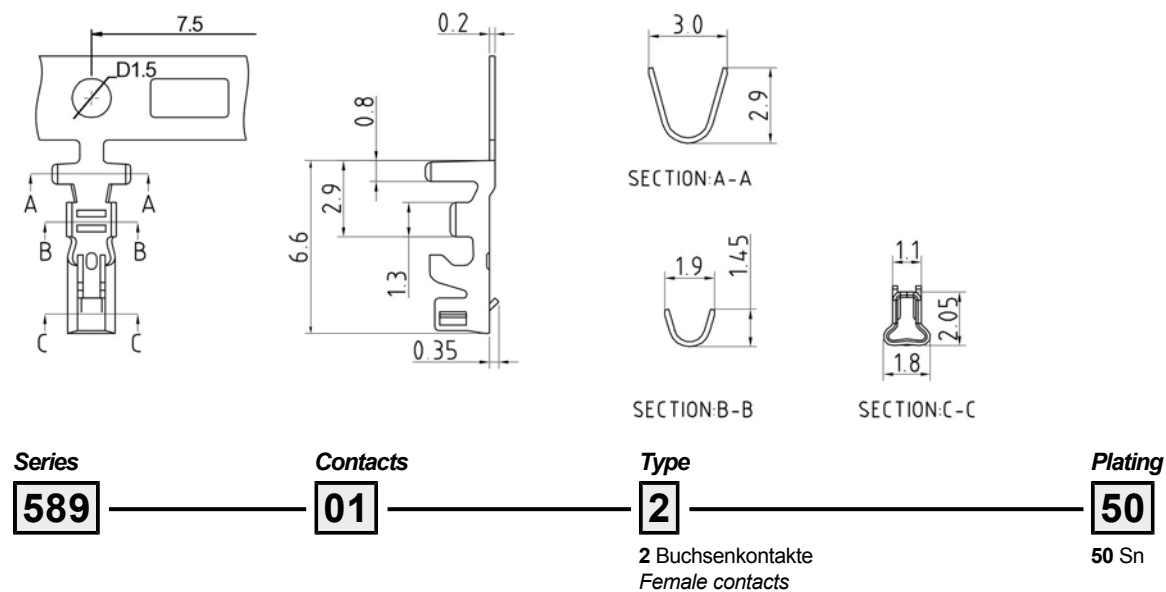
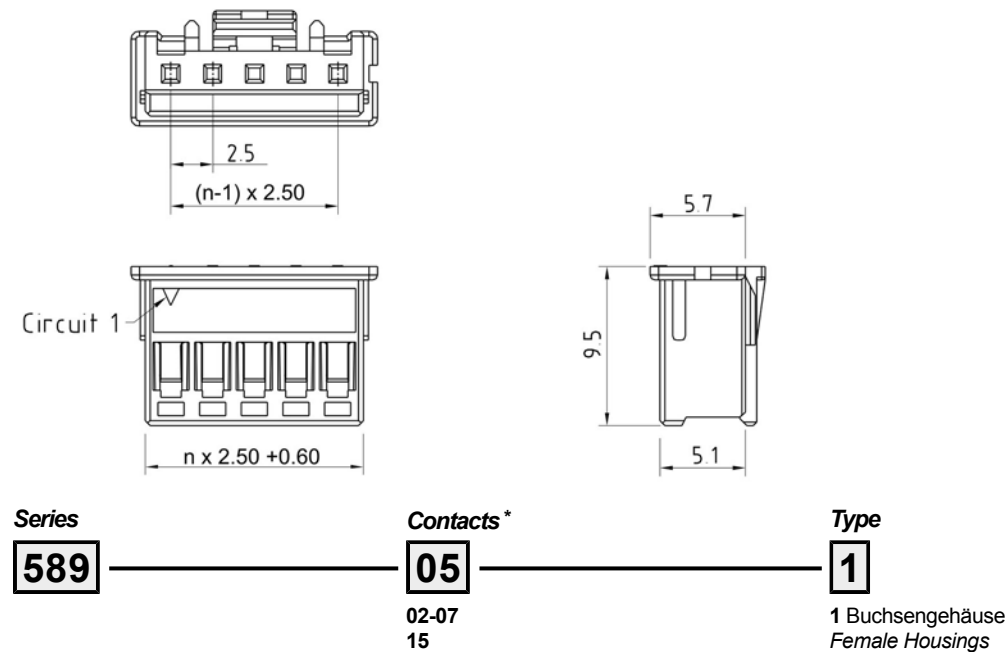
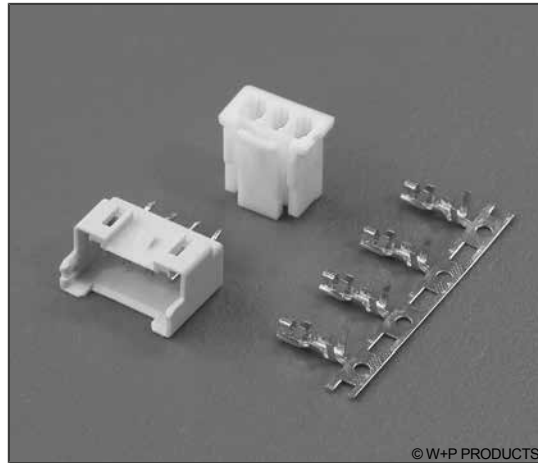
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Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
 Design and/or technical specifications may change without prior notice.

Technische Daten / Technical Data

Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Zinn über Nickel
Contact Surface	Tin plated over nickel
Aderquerschnitt	AWG 26 ~ 22
Applicable Wire Gauge	AWG 26 ~ 22
Durchgangswiderstand	< 10 mΩ
Contact Resistance	< 10 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1 kV AC
Test Voltage	1 kV AC
Nennspannung	250 V AC/DC
Voltage Rating	250 V AC/DC
Nennstrom	3 A AC/DC
Current Rating	3 A AC/DC
Temperaturbereich	-25 °C ... +85 °C
Temperature Range	-25 °C ... +85 °C



* Dies ist ein **Bestellbeispiel** -
 bitte durch Ihre Spezifikationen ersetzen.
 * This is an **order example** -
 please replace by your specifications.

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Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
 Design and/or technical specifications may change without prior notice.

Technische Daten / Technical Data

Isolierkörper

Thermoplast, UL94 V-2, weiß (Type 01-04, 09)

Thermoplast, UL94 V-0, weiß (Type 05, 06)

Thermoplast, UL94 V-0, schwarz (Type 07, 08)

Thermoplastic, UL94 V-2, white (Type 01-04, 09)

Thermoplastic, UL94 V-0, white (Type 05, 06)

Thermoplastic, UL94 V-0, black (Type 07, 08)

Vierkantstift 0,635mm, Kupferlegierung

0.635mm square pin, copper alloy

Lt. Oberflächenoptionen, über Ni

Acc. to plating options, over Ni

AWG 28 ~ 22

AWG 28 ~ 22

< 20 mΩ

< 20 mΩ

> 1000 MΩ

> 1000 MΩ

700 V AC

700 V AC

250 V AC

250 V AC

Bis zu 3 A

Up to 3 A

-25 °C ... +85 °C

-40 °C ... +105 °C (Type 07, 08)

-25 °C ... +85 °C

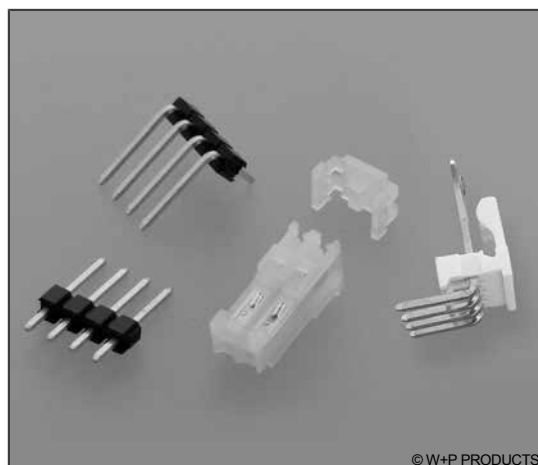
-40 °C ... +105 °C (Type 07, 08)

Wellenlötverfahren

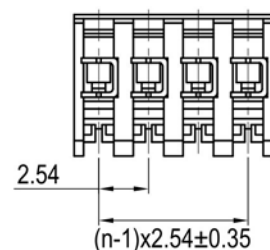
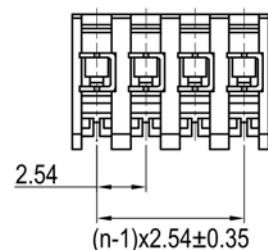
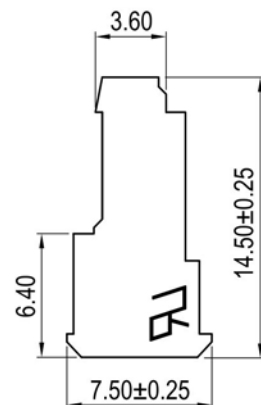
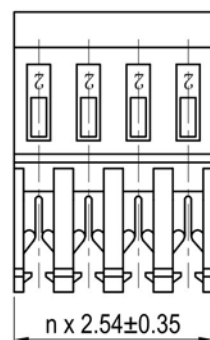
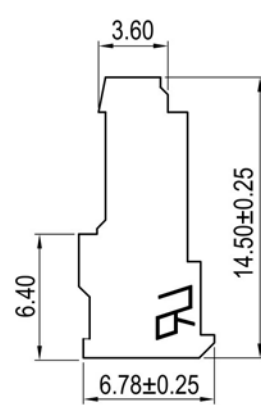
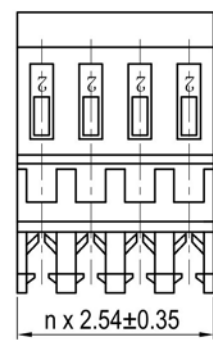
Wave soldering

Verarbeitung

Processing



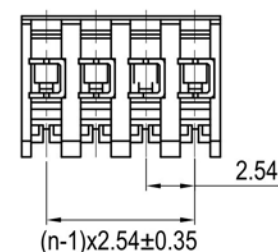
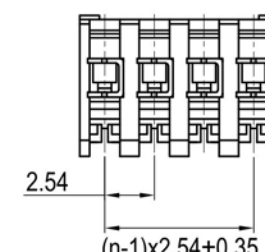
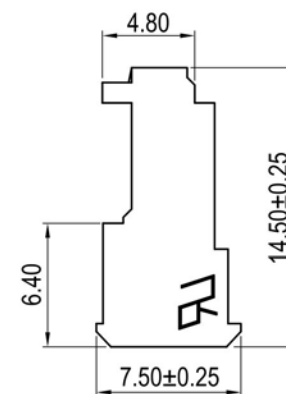
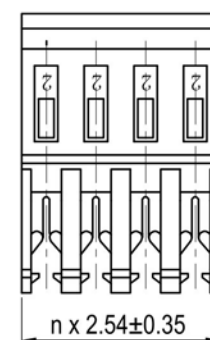
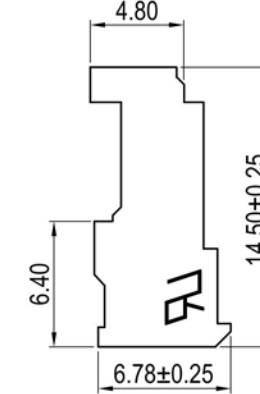
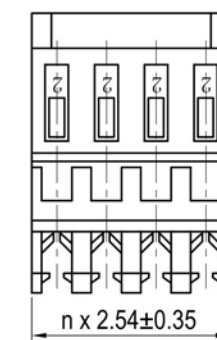
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**Type -01-****Type -02-**

Nicht anreihbar / not stackable in the grid

AWG Markierung auf den Kontakten / AWG marking on contacts - 2: AWG22, 4: AWG 24, 6: AWG26/28

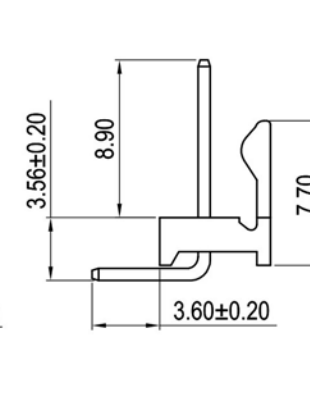
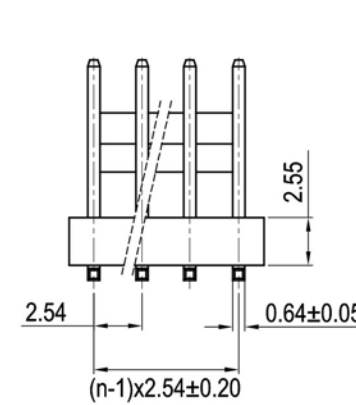
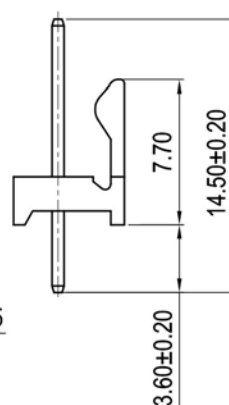
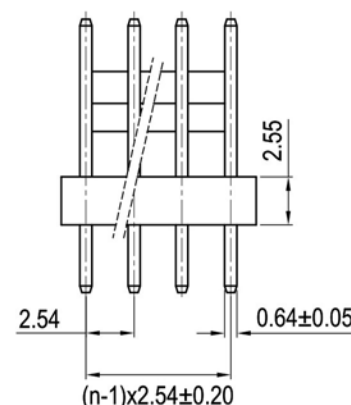
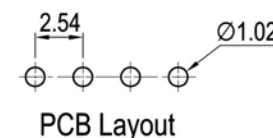
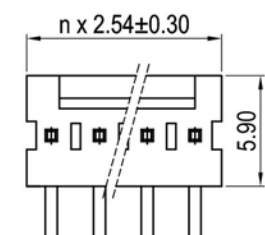
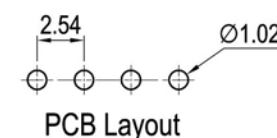
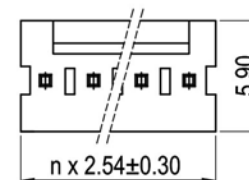
Series	Contacts*	Type*	Plating	AWG*
601	04	01	50	22
	02-16	01 Buchsengehäuse (Mittelstück) Female housing (feed through)	50 Verzinnt Tin plated	22 AWG 22 24 AWG 24 26 AWG 26/28
		02 Buchsengehäuse (Endstück) Female housing (closed end)		

**Type -03-****Type -04-**

Nicht anreihbar / not stackable in the grid

AWG Markierung auf den Kontakten / AWG marking on contacts - 2: AWG22, 4: AWG 24, 6: AWG26/28

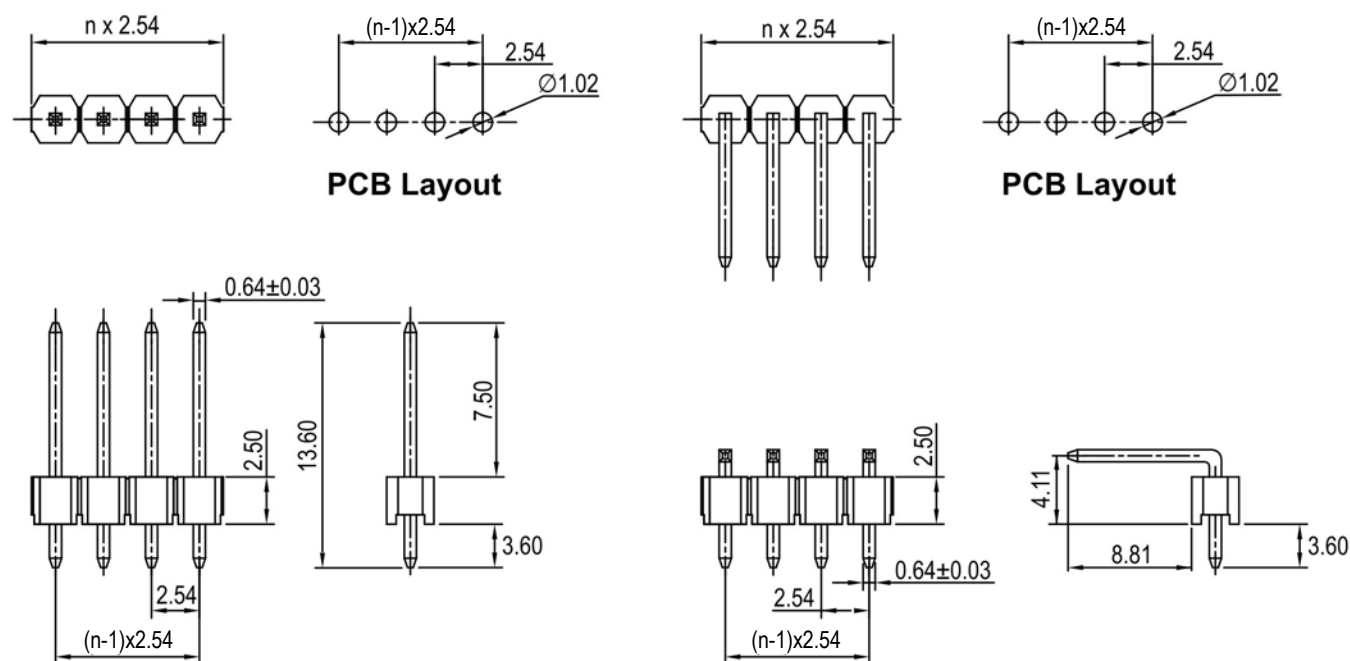
Series	Contacts*	Type*	Plating	AWG*
601	04	03	50	22
	02-16	03 Buchsengehäuse (Mittelstück) mit Codierung Female housing (feed through) with coding	50 Verzinnt Tin plated	22 AWG 22 24 AWG 24 26 AWG 26/28
		04 Buchsengehäuse (Endstück) mit Codierung Female housing (closed end) with coding		



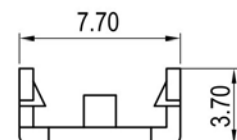
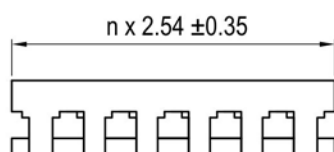
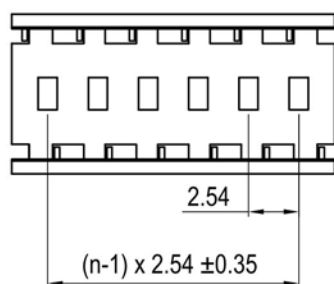
Series	Contacts*	Type*	Plating
601	04	05	50
	02-16	05 Stiftleiste gerade, mit Verriegelung und Kodierung Pin header straight, with locking and coding	50 Verzinnt Tin plated
		06 Stiftleiste gewinkelt, mit Verriegelung und Kodierung Pin header right-angled, with locking and coding	

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 Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
 Design and/or technical specifications may change without prior notice.



Series **601** — Contacts* **04** 02-40 — Type* **07** 07 Stiftleiste gerade
Pin header straight
08 Stiftleiste gewinkelt
Pin header right-angled — Plating **50** 50 Verzinkt
Tin plated

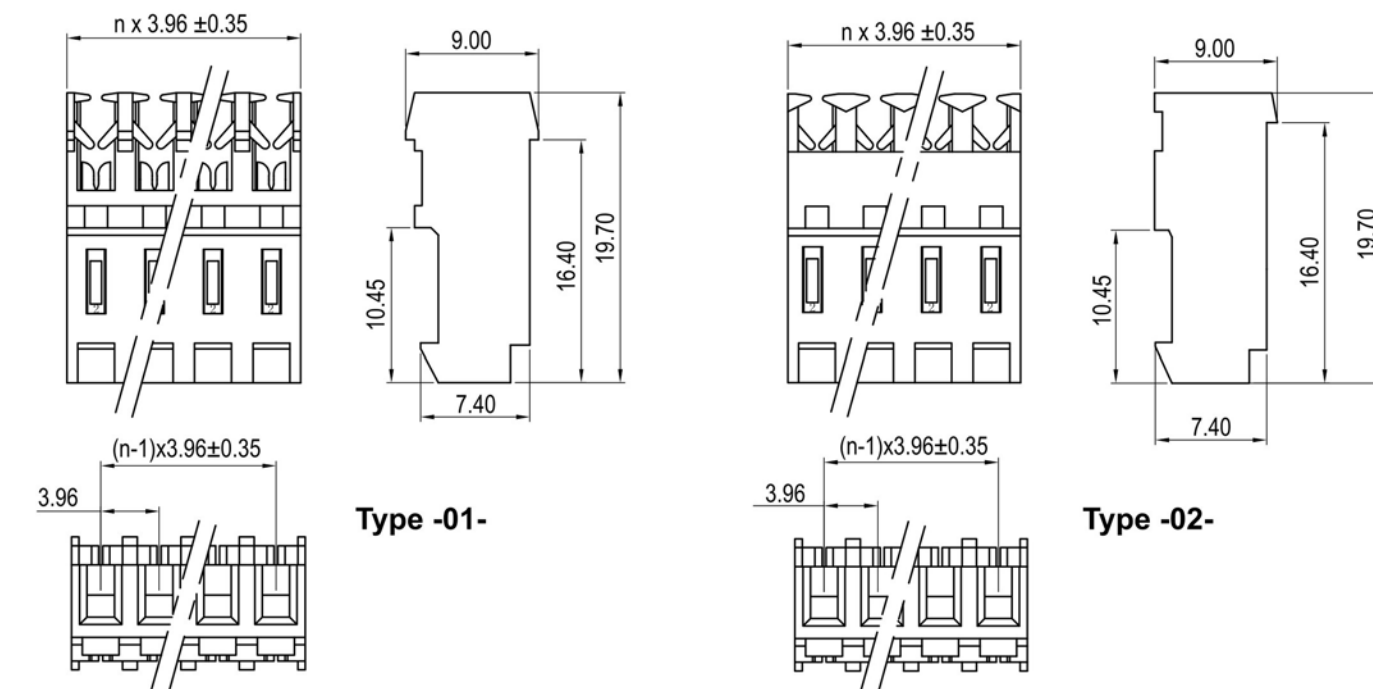
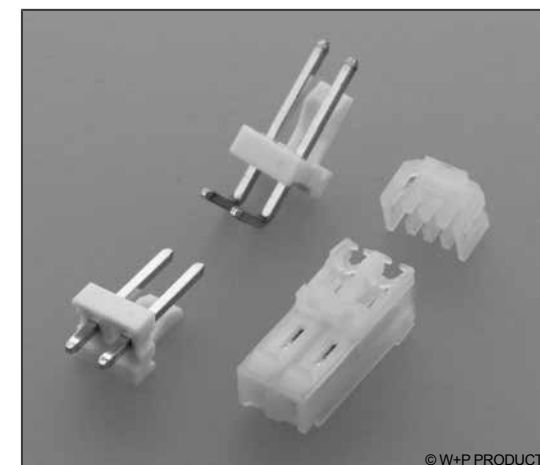


Series **601** — Contacts* **04** 02-16 — Type **09** 09 Kappe für Buchsengehäuse
Cap for female housings

* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

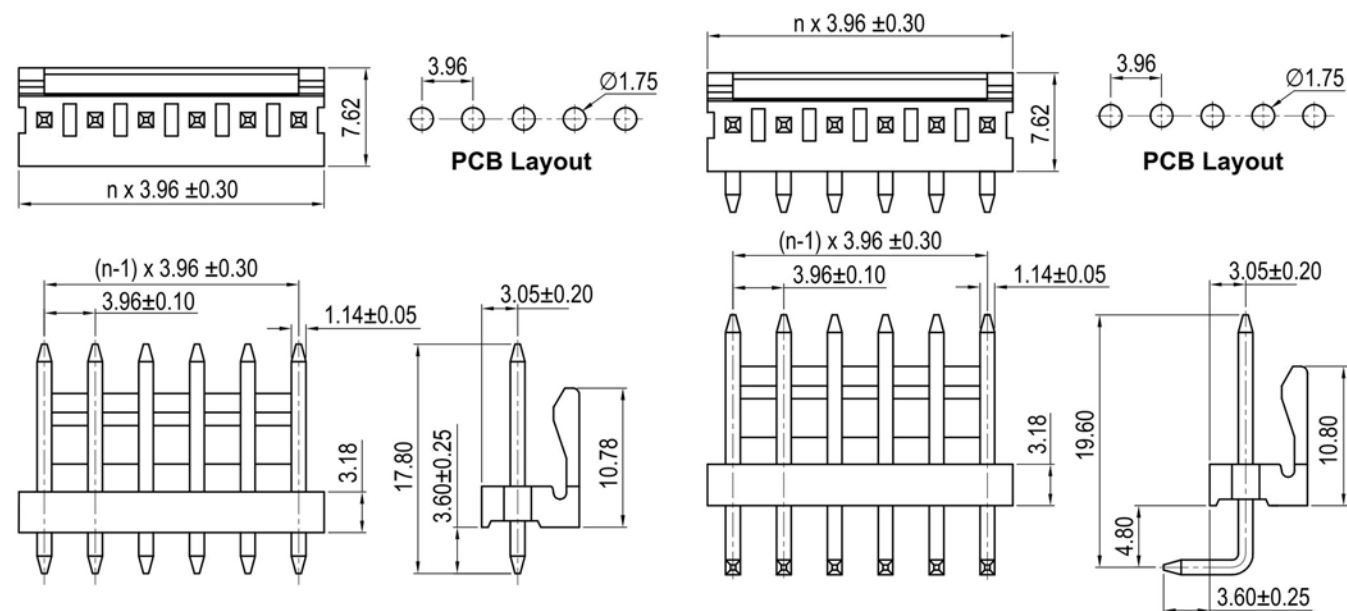
Technische Daten / Technical Data

Isolierkörper	Thermoplast, UL94 V-2, weiß (Type 01, 02, 09)
Insulator	Thermoplast, UL94 V-0, weiß (Type 05-08)
Kontaktmaterial	Thermoplast, UL94 V-2, white (Type 01, 02, 09)
Kontaktoberfläche	Thermoplast, UL94 V-0, white (Type 05-08)
Contact Surface	Vierkantstift 1,14mm, Kupferlegierung
Aderquerschnitt	1.14mm square pin, copper alloy
Applicable Wire Gauge	Lt. Oberflächenoptionen, über Ni
Durchgangswiderstand	AWG 24 ~ 18
Contact Resistance	AWG 24 ~ 18
Isolationswiderstand	< 20 mΩ
Insulation Resistance	< 20 mΩ
Spannungsfestigkeit	> 1000 MΩ
Test Voltage	> 1000 MΩ
Nennspannung	1,5 kV AC
Voltage Rating	1.5 kV AC
Nennstrom	250 V AC
Current Rating	250 V AC
Temperaturbereich	Bis zu 5 A
Temperature Range	Up to 5 A
Verarbeitung	-25 °C ... +85 °C
Processing	-25 °C ... +85 °C
	Wellenlötverfahren
	Wave soldering

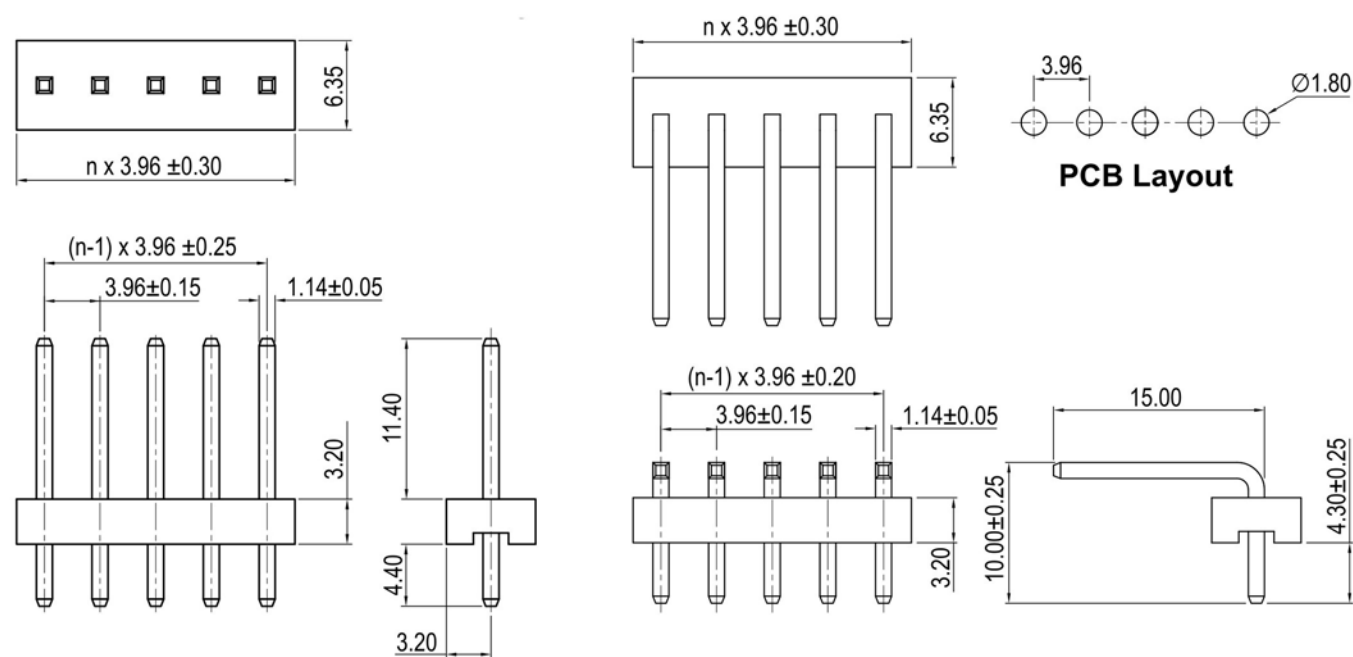


Nicht anreihbar / not stackable in the grid
AWG Markierung auf den Kontakten / AWG marking on contacts - 8: AWG18, 0: AWG 20, 2: AWG22, 4: AWG24

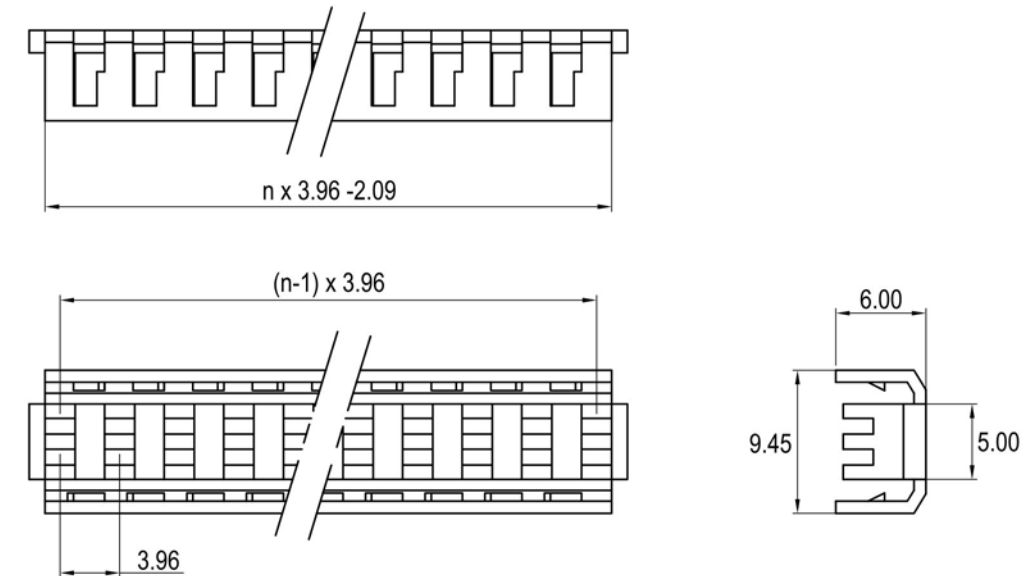
Series **602** — Contacts* **04** 02-20 — Type* **01** 01 Buchsengehäuse (Mittelstück)
Female housing (feed through)
02 Buchsengehäuse (Endstück)
Female housing (closed end) — Plating **50** 50 Verzinkt
Tin plated — AWG* **18** 18 AWG 18
20 AWG 20
22 AWG 22
24 AWG 24



Series	Contacts*	Type*	Plating
602	04 02-20	05 05 Stiftleiste gerade, mit Verrastung Pin header straight, with locking 06 Stiftleiste gewinkelt, mit Verrastung Pin header right-angled, with locking	50 50 Verzinkt Tin plated



Series	Contacts*	Type*	Plating
602	04 02-20	07 07 Stiftleiste gerade Pin header straight 08 Stiftleiste gewinkelt Pin header right-angled	50 50 Verzinkt Tin plated



Series	Contacts*	Type
602	04 02-20	09 09 Kappe für Buchsengehäuse Cap for female housings

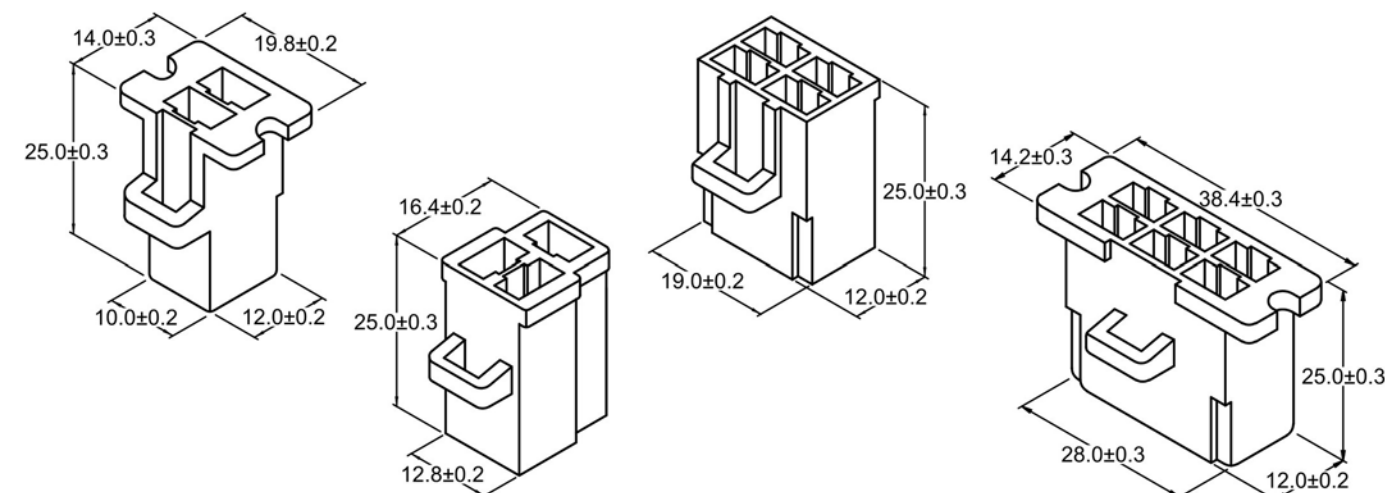
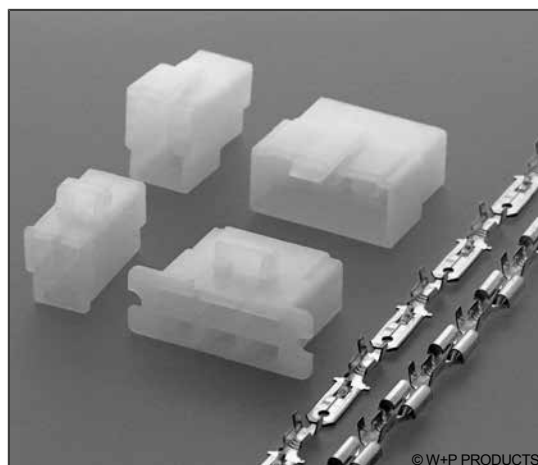
* Dies ist ein **Bestellbeispiel** -
bitte durch Ihre Spezifikationen ersetzen.
* This is an **order example** -
please replace by your specifications.

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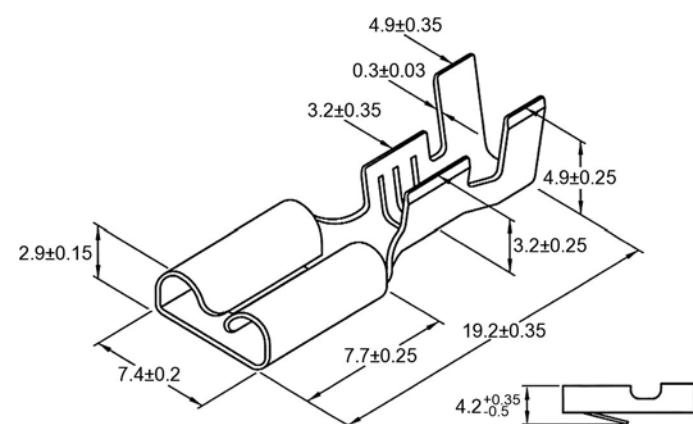
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
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Technische Daten / Technical Data

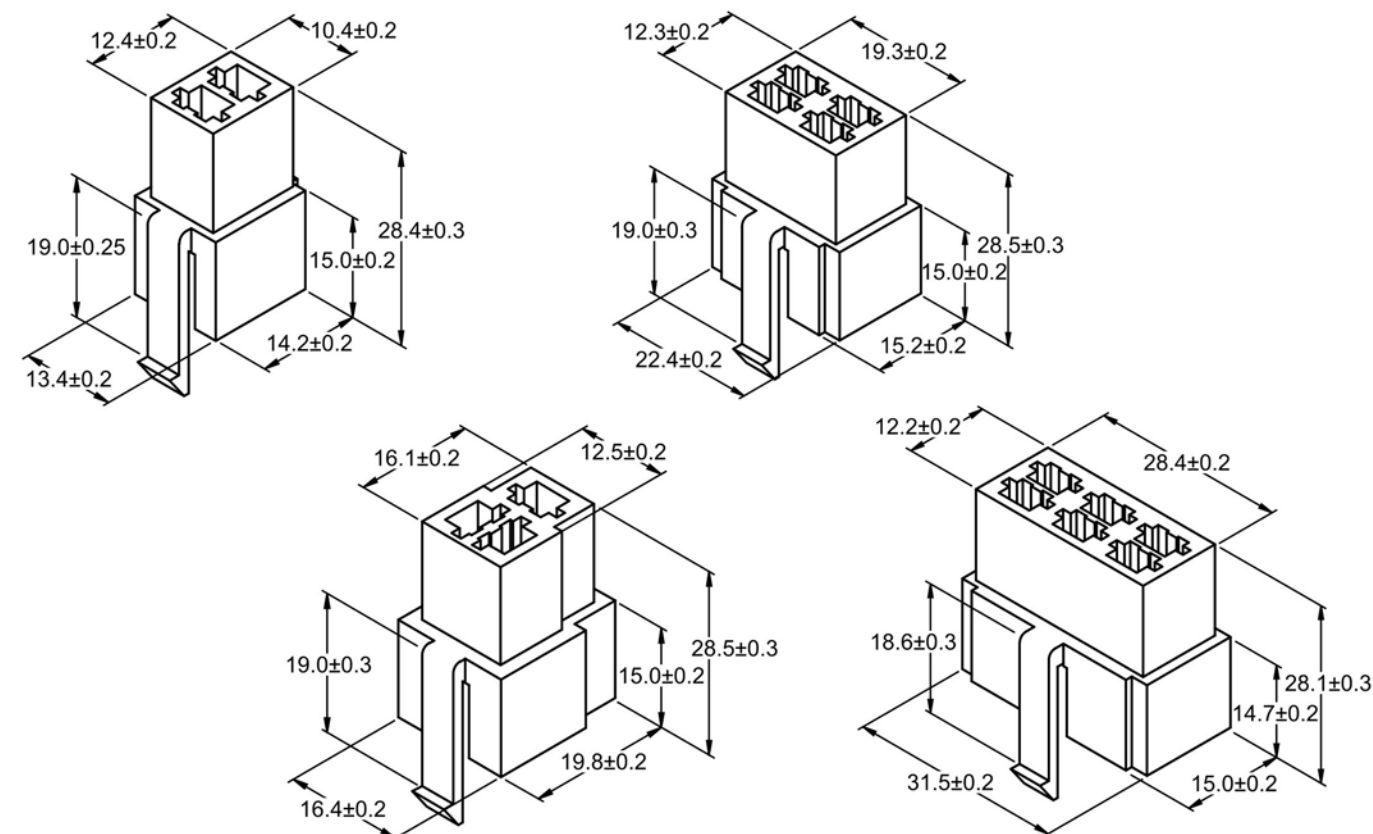
Isolierkörper	Thermoplast, nach UL94 V-2
Insulator	Thermoplastic, rated UL94 V-2
Farbe	Weiß / natur
Colour	White / natural
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktfläche	Verzinkt
Contact Surface	Tin plated
Aderquerschnitt	AWG 20 ~ 14
Applicable Wire Gauge	AWG 20 ~ 14
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	1500 V AC
Test Voltage	1500 V AC
Nennspannung	250 V AC / 350 V DC
Voltage Rating	250 V AC / 350 V DC
Nennstrom	15 A
Current Rating	15 A
Temperaturbereich	-25 °C ... +85 °C
Temperature Range	-25 °C ... +85 °C



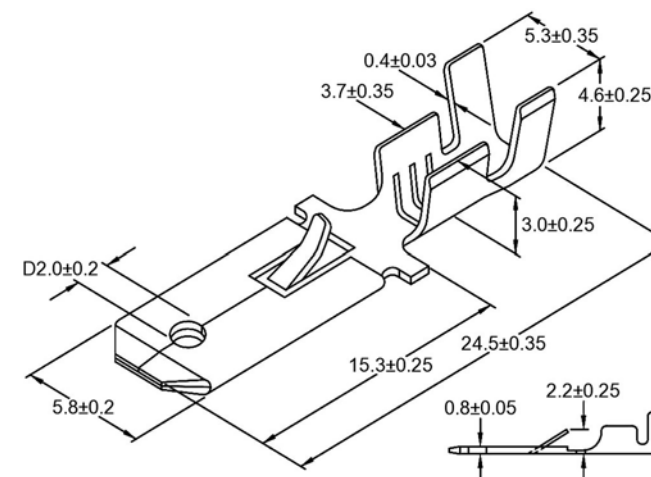
Series **991** — Contacts* **03** — Type **1**
02/03/04/06
1 Buchsengehäuse
Housings for female terminals



Series **991** — Contacts **01** — Type **2** — Plating **50** — AWG **1420**
2 Buchsenkontakte
Female terminals
50 Sn
1420 AWG 20 ~ 14



Series **991** — Contacts **04** — Type **5**
02/03/04/06
5 Stiftgehäuse
Housings for male terminals



Series **991** — Contacts **01** — Type **6** — Plating **50** — AWG **1420**
6 Stiftkontakte
Male terminals
50 Sn
1420 AWG 20 ~ 14

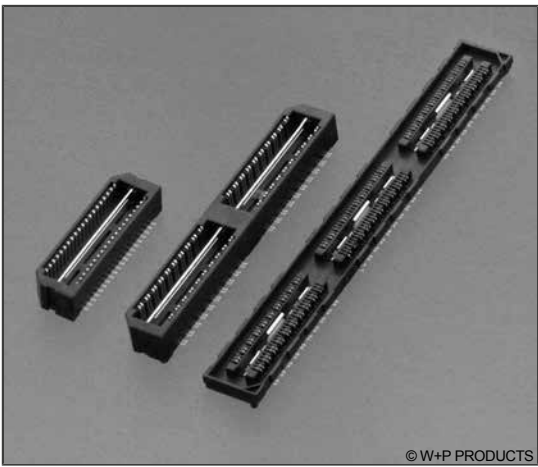
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

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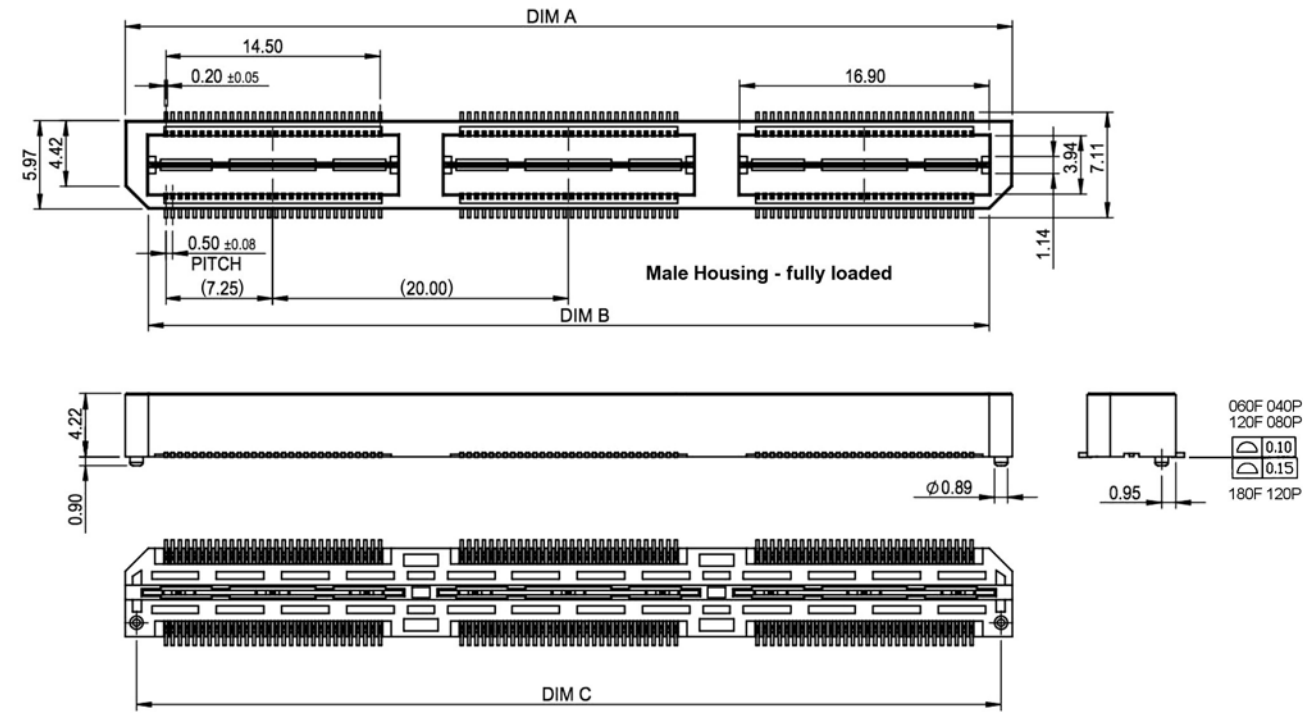
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Technische Daten / Technical Data

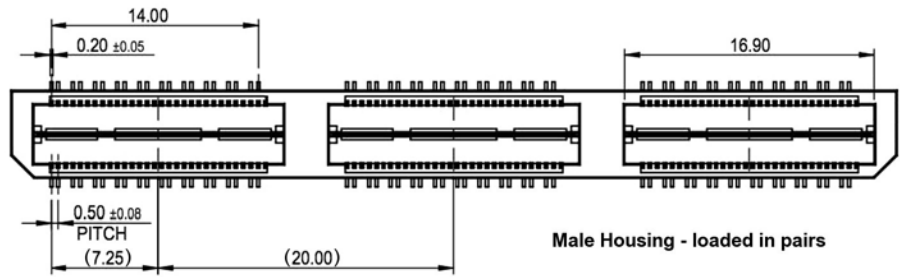
Isolierkörper	Thermoplast, UL94 V-0, schwarz
Insulator	Thermoplastic, UL94 V-0, black
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Kontakte (Steckseite): 0,2µm Au über Ni
	Ground Plane (Steckseite): 0,38µm Au über Ni
	Lötseite Kontakte und Ground Plane: Au flash über Ni
	Terminals (mating side): 0,2µm Au over Ni
	Ground plane (mating side): 0,38µm Au over Ni
	Solder side pins and ground plane: flash Au over Ni
Contact Surface	
Durchgangswiderstand	< 15 mΩ
Contact Resistance	< 15 mΩ
Isolationswiderstand	> 5 GΩ
Insulation Resistance	> 5 GΩ
Spannungsfestigkeit	525 V AC
Test Voltage	525 V AC
Nennspannung	175 V AC
Voltage Rating	175 V AC
Nennstrom	Kontakte: 2 A
	Ground Plane: 7.8 A
Current Rating	Terminals: 2 A
	Ground Plane: 7.8 A
Temperaturbereich	-55 °C ... +125 °C
Temperature Range	-55 °C ... +125 °C
Mechanische Lebensdauer	100 Steckzyklen
Mechanical Life	100 mating cycles
Verarbeitung	260 °C für 5 sec. max.
Processing	260 °C for 5 sec. max.



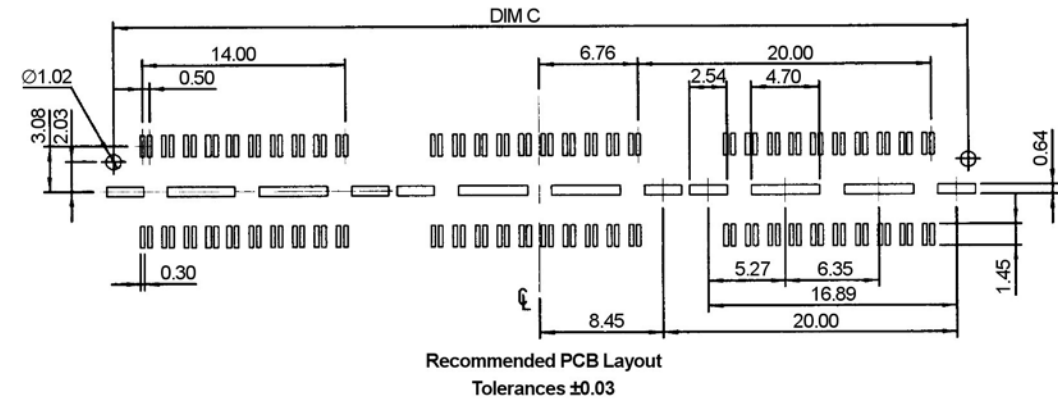
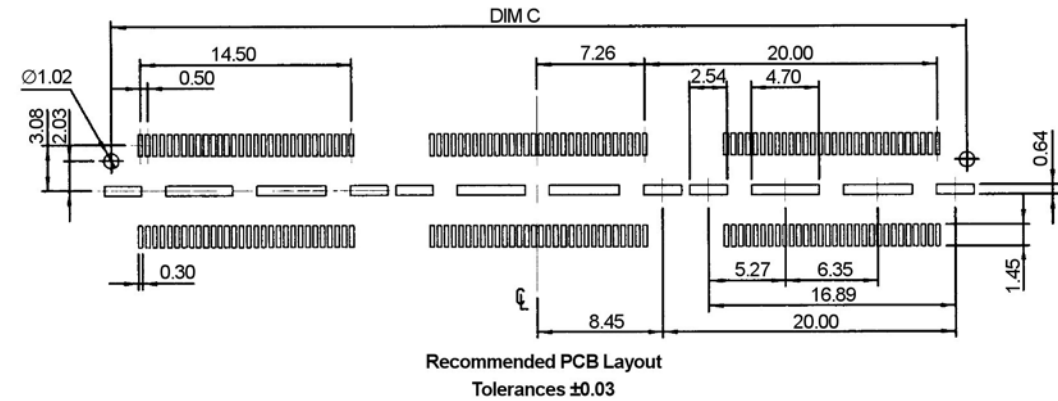
High Speed Performance: 25Gbps



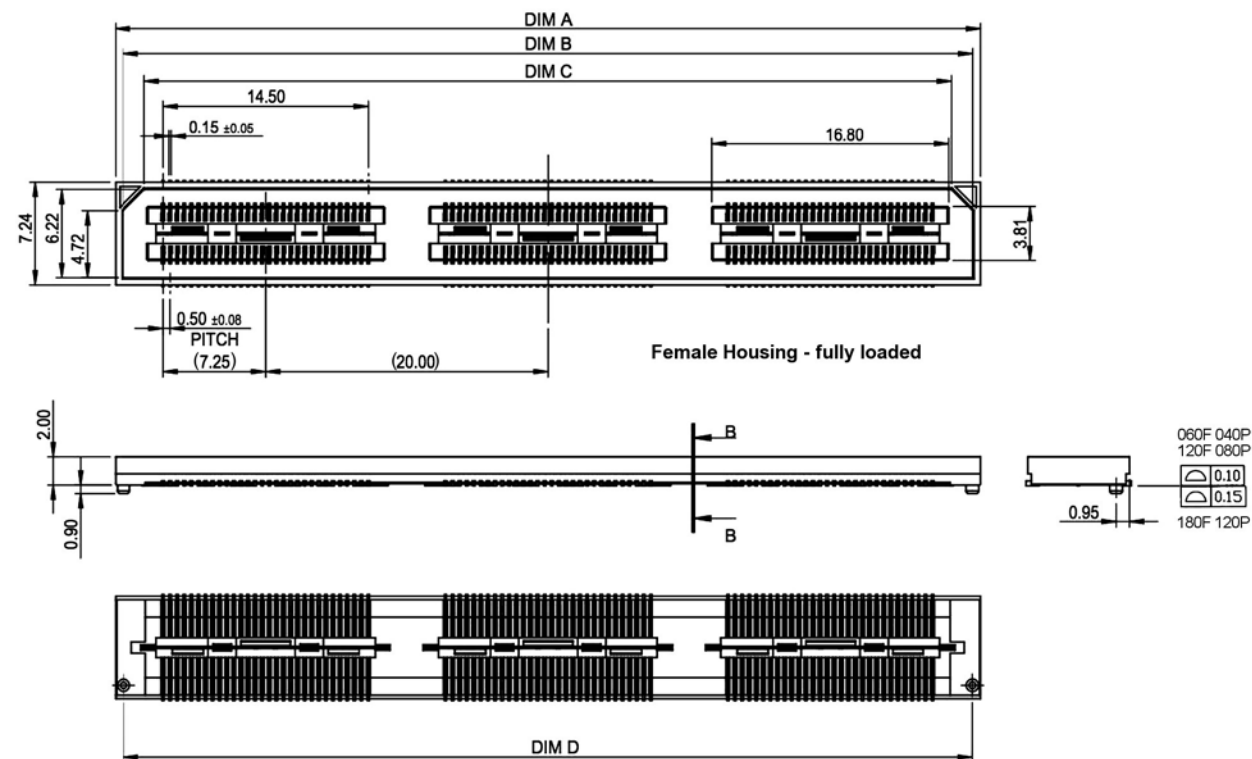
	060F/040P	120F/080P	180F/120P
Dim A	20.00	40.00	60.00
Dim B	16.90	36.90	56.90
Dim C	18.48	38.48	58.48



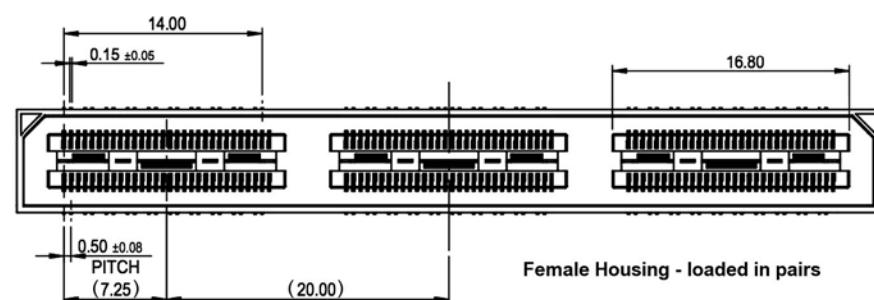
PCB Layouts vollbestückt - paarig bestückt / PCB Layouts fully loaded - loaded in pairs



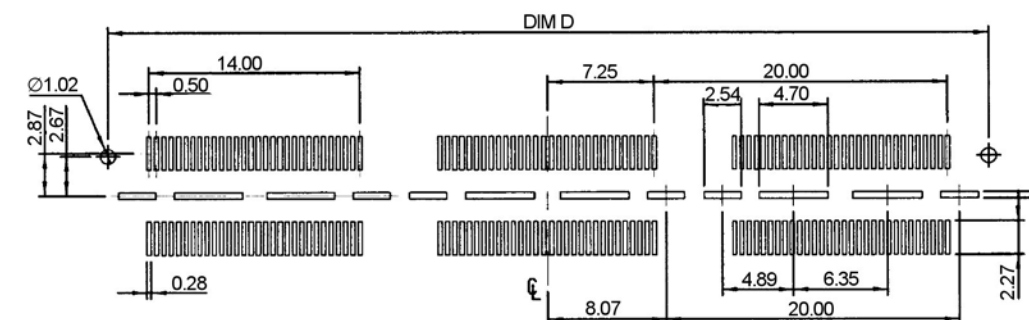
Series	Type	Contacts*	Plating	Locating Pegs	Package
5055	01	060F	108	10	FTR
	01 Male	Fully loaded Vollbestückt 060F 120F 180F Loaded in pairs Paarweise bestückt bestückt 040P 080P 120P	108 Sel. Au / Au 0.20µm	10 Mit Loc. Pegs With Loc. Pegs	FTR Tape & Reel mit Film Pad Tape & Reel with Film Pad



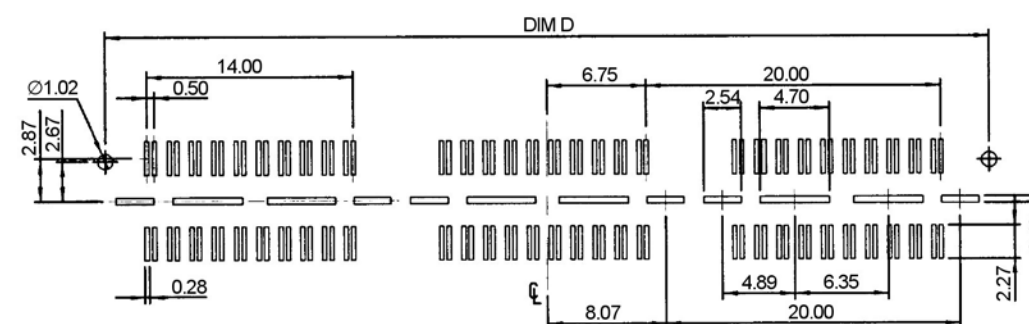
	060F/040P	120F/080P	180F/120P
Dim A	21.27	41.27	61.27
Dim B	20.17	40.17	60.17
Dim C	17.17	37.17	57.17
Dim D	20.13	40.13	60.13



PCB Layouts vollbestückt - paarig bestückt / PCB Layouts fully loaded - loaded in pairs



Recommended PCB Layout
Tolerances ±0.03



Recommended PCB Layout
Tolerances ±0.03

Series	Type	Contacts*	Plating	Locating Pegs	Package
5055	02 Female	060F Fully loaded Vollbestückt 060F 120F 180F Loaded in pairs Paarweise bestückt 040P 080P 120P	108 108 Sel. Au / Au 0.20µm	10 10 Mit Loc. Pegs With Loc. Pegs	FTR FTR Tape & Reel mit Film Pad Tape & Reel with Film Pad

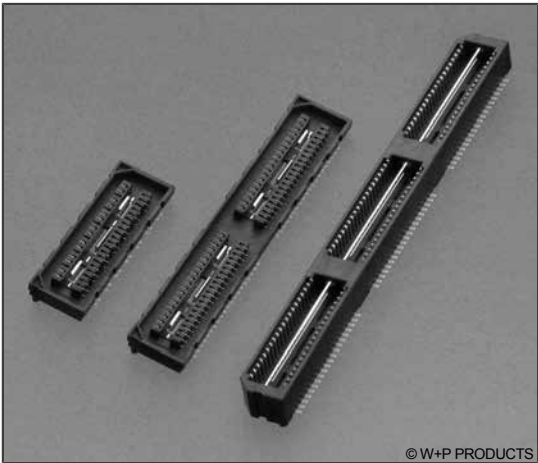
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

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wppro.com/series-XXX

Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

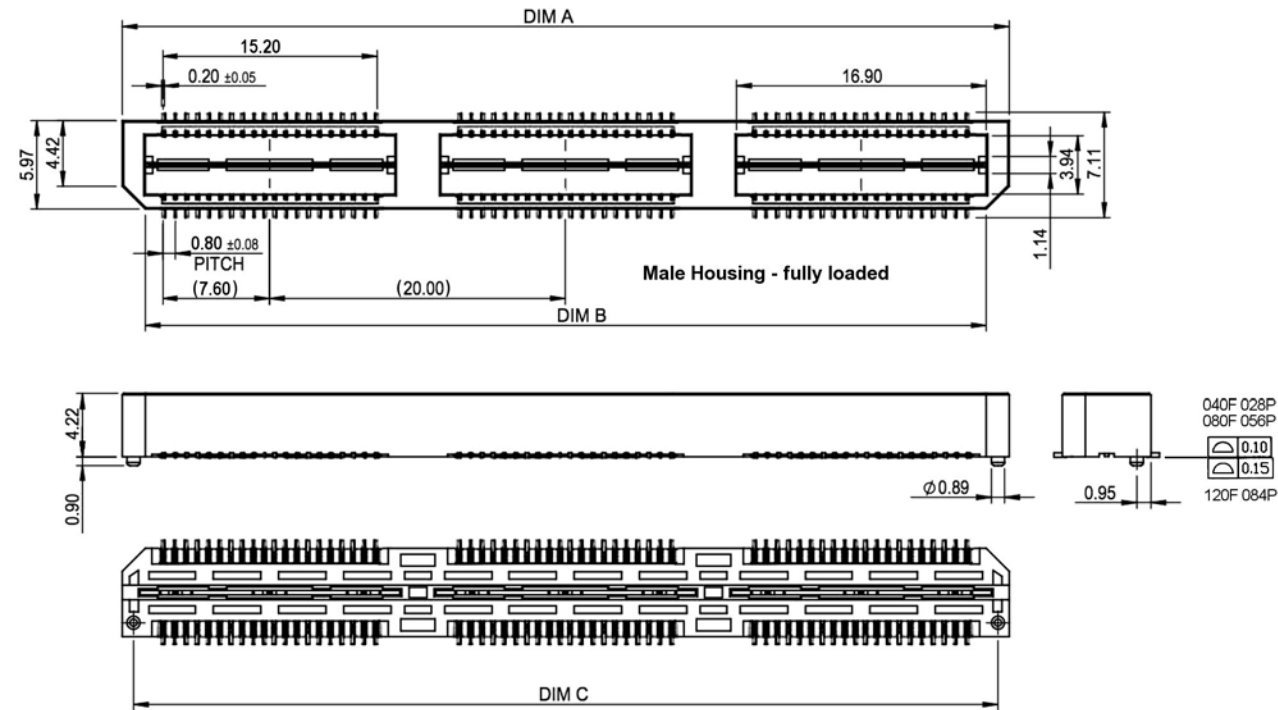
Technische Daten / Technical Data

Isolierkörper	Thermoplast, UL94 V-0, schwarz
Insulator	Thermoplastic, UL94 V-0, black
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Kontakte (Steckseite): 0,2µm Au über Ni
	Ground Plane (Steckseite): 0,38µm Au über Ni
	Lötseite Kontakte und Ground Plane: Au flash über Ni
Contact Surface	Terminals (mating side): 0,2µm Au over Ni
	Ground plane (mating side): 0,38µm Au over Ni
	Solder side pins and ground plane: flash Au over Ni
Durchgangswiderstand	< 15 mΩ
Contact Resistance	< 15 mΩ
Isolationswiderstand	> 5 GΩ
Insulation Resistance	> 5 GΩ
Spannungsfestigkeit	675 V AC
Test Voltage	675 V AC
Nennspannung	225 V AC
Voltage Rating	225 V AC
Nennstrom	Kontakte: 2 A
	Ground Plane: 7.8 A
Current Rating	Terminals: 2 A
	Ground Plane: 7.8 A
Temperaturbereich	-55 °C ... +125 °C
Temperature Range	-55 °C ... +125 °C
Mechanische Lebensdauer	100 Steckzyklen
Mechanical Life	100 mating cycles
Verarbeitung	260 °C für 5 sec. max.
Processing	260 °C for 5 sec. max.

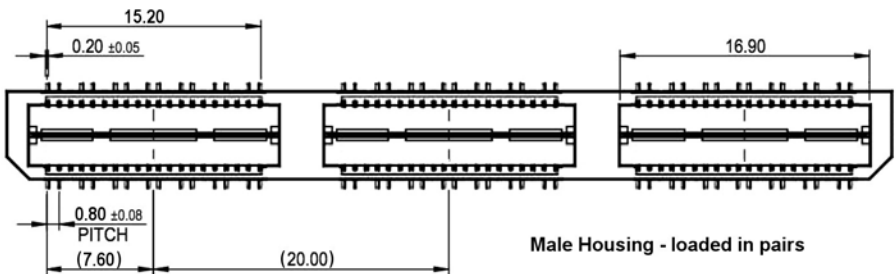


High Speed Performance:
14 Gbps (fully loaded)
28 Gbps (loaded in pairs)

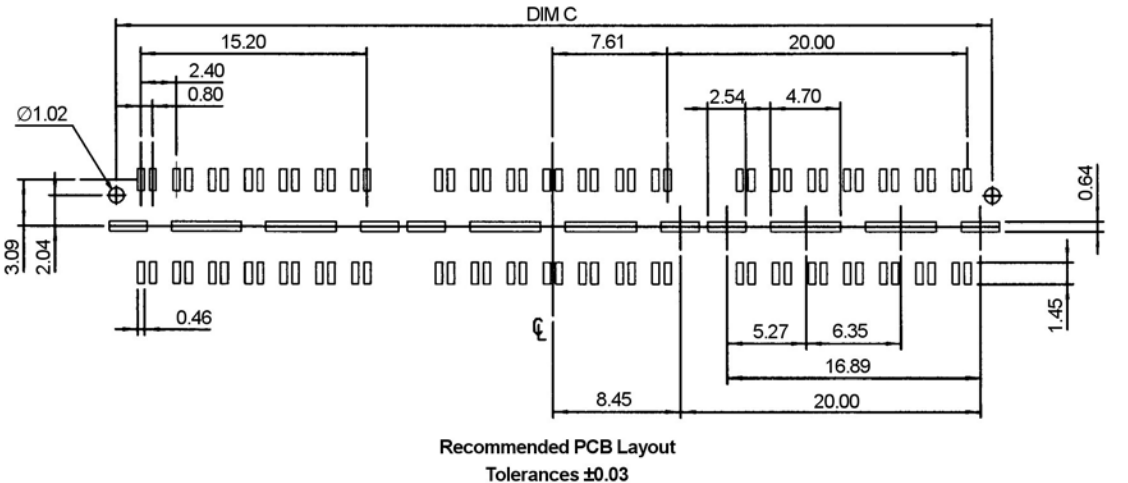
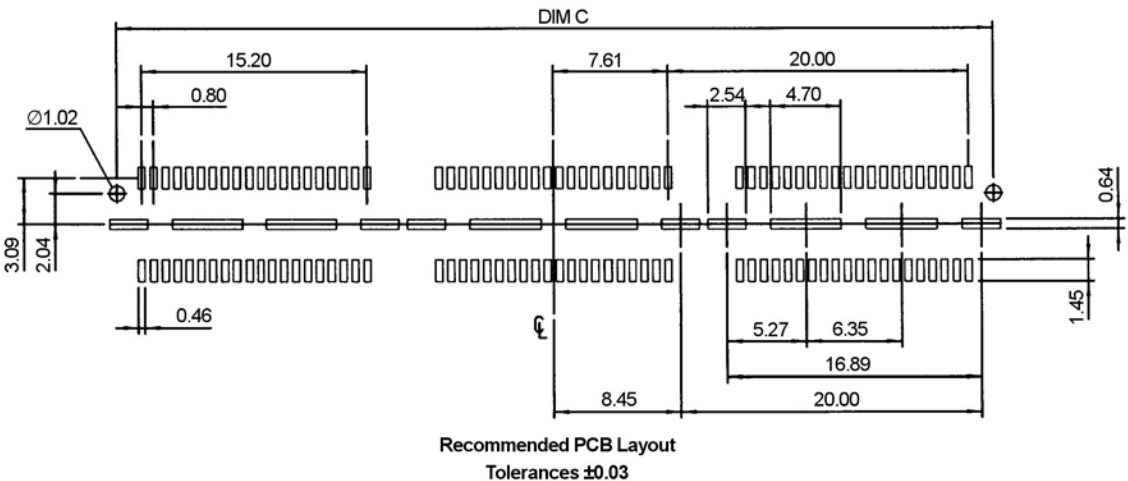
High Speed Performance: bis zu / up to 28Gbps



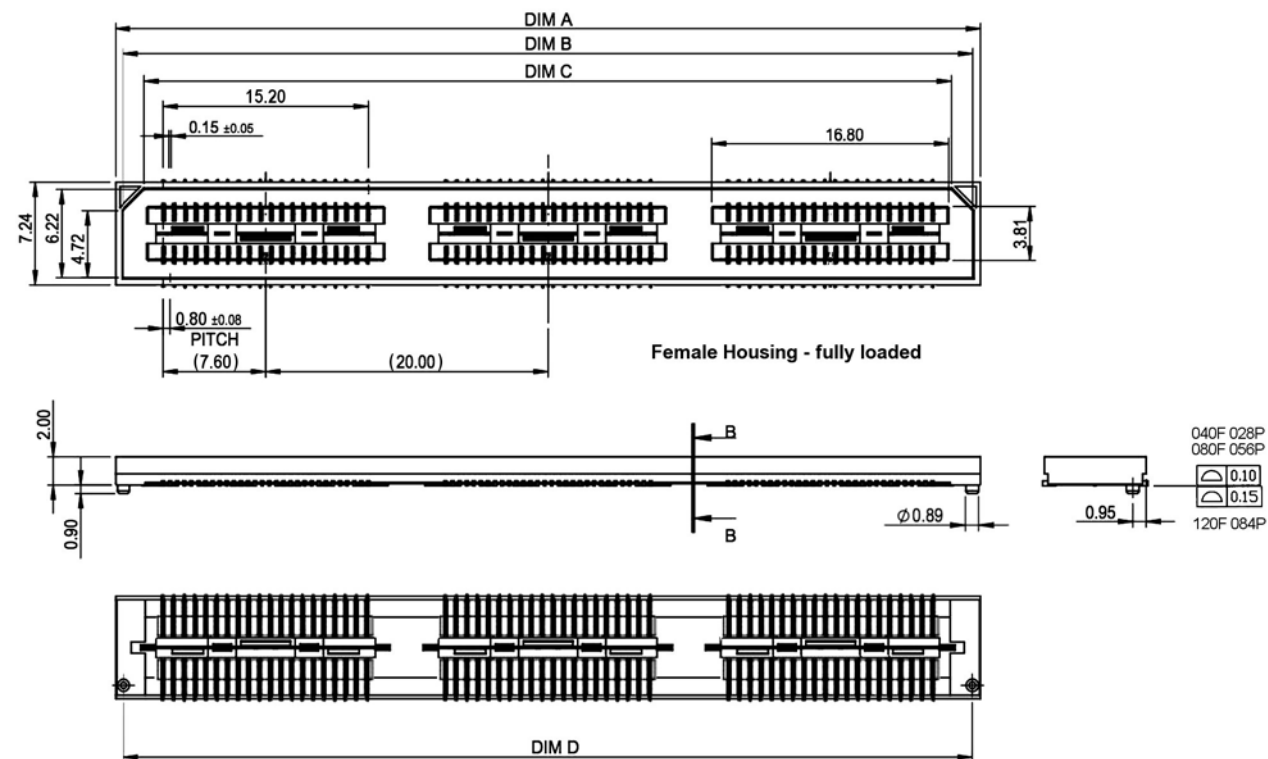
	040F/028P	080F/056P	120F/084P
Dim A	20.00	40.00	60.00
Dim B	16.90	36.90	56.90
Dim C	18.48	38.48	58.48



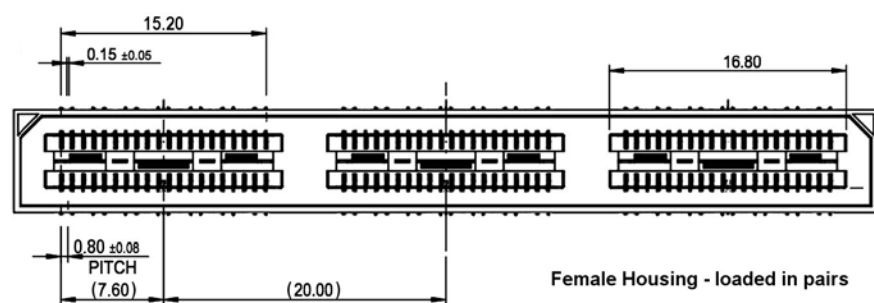
PCB Layouts vollbestückt - paarig bestückt / PCB Layouts fully loaded - loaded in pairs



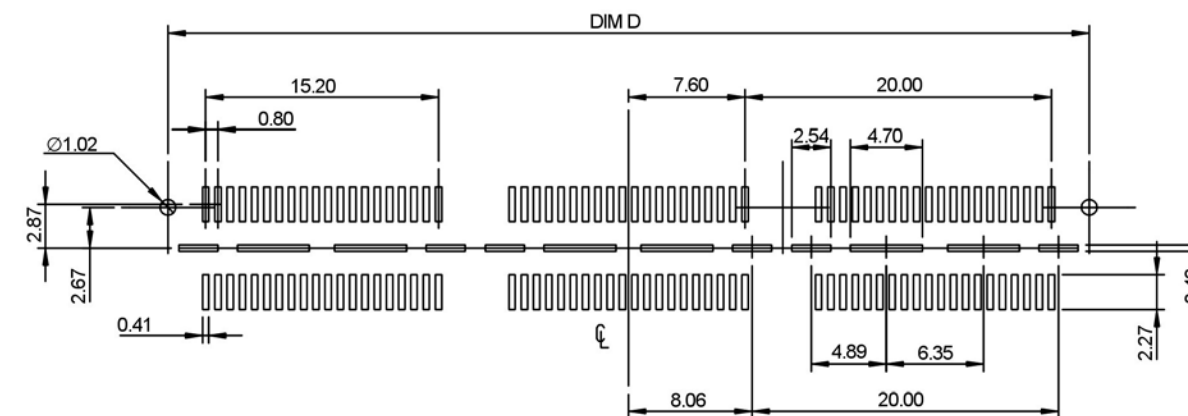
Series	Type	Contacts *	Plating	Locating Pegs	Package
5088	01	056P	108	10	FTR
	01 Male	Fully Loaded Vollbestückt 040F 080F 120F Loaded in pairs Paarweise bestückt 028P 056P 084P	108 Sel. Au / Au 0.20µm	10 Mit Loc. Pegs With Loc. Pegs	FTR Tape & Reel mit Film Pad Tape & Reel with Film Pad



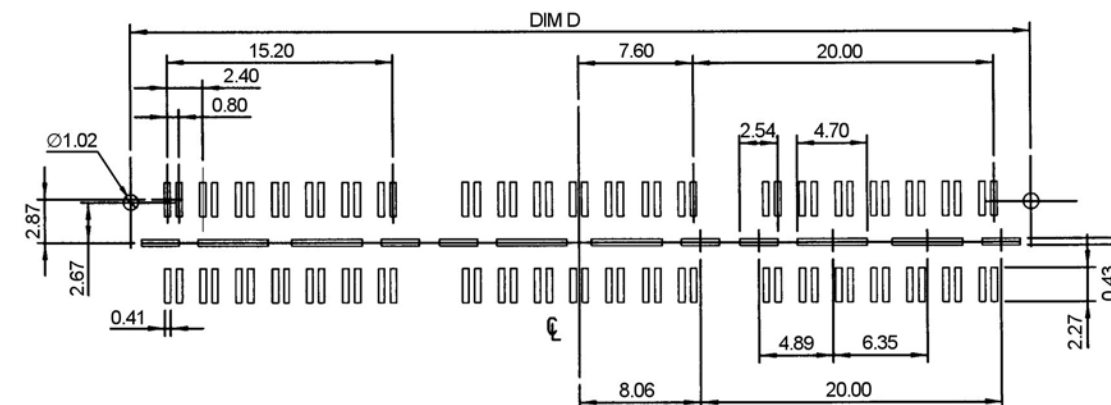
	040F/028P	080F/056P	120F/084P
Dim A	21.27	41.27	61.27
Dim B	20.17	40.17	60.17
Dim C	17.17	37.17	57.17
Dim D	20.13	40.13	60.13



PCB Layouts vollbestückt - paarig bestückt / PCB Layouts fully loaded - loaded in pairs



Recommended PCB Layout
Tolerances ±0.03



Recommended PCB Layout
Tolerances ±0.03

Series	Type	Contacts*	Plating	Locating Pegs	Package
5088	02 Female	056P Fully loaded Vollbestückt 040F 080F 120F Loaded in pairs Paarweise bestückt 028P 056P 084P	108 108 Sel. Au / Au 0.20µm	10 10 Mit Loc. Pegs With Loc. Pegs	FTR FTR Tape & Reel mit Film Pad Tape & Reel with Film Pad

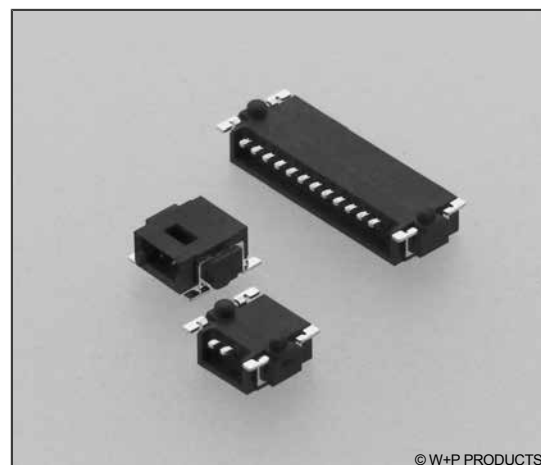
* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

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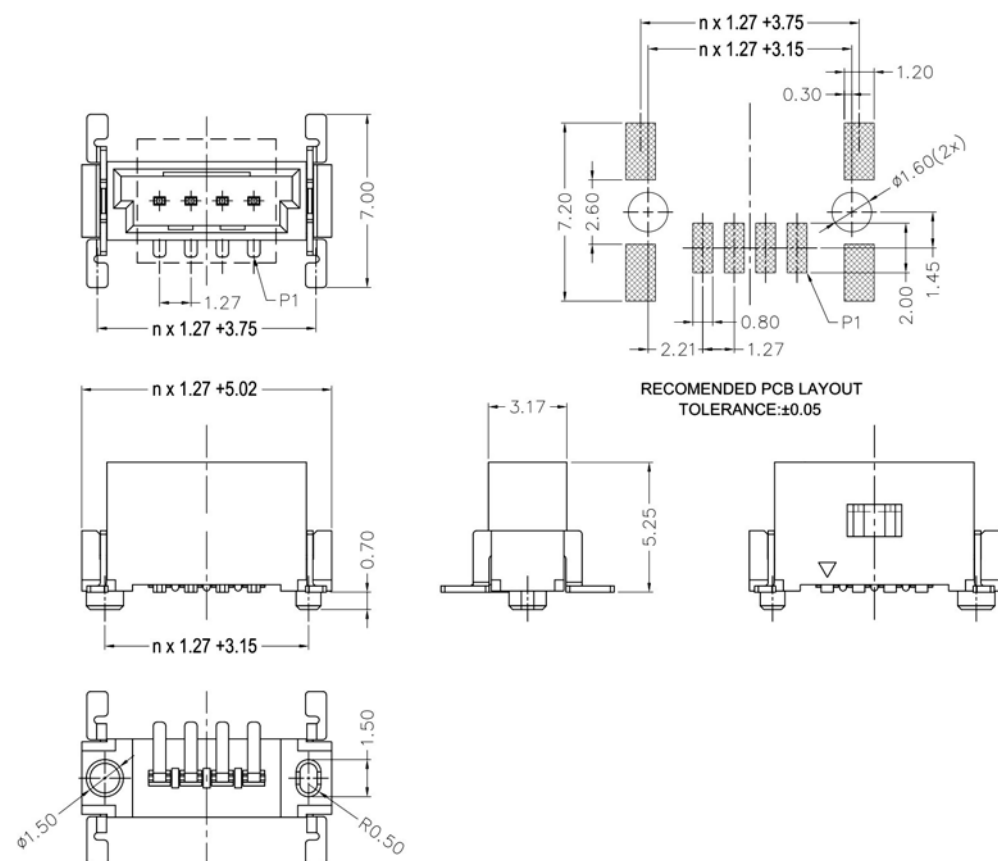
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

Technische Daten / Technical Data

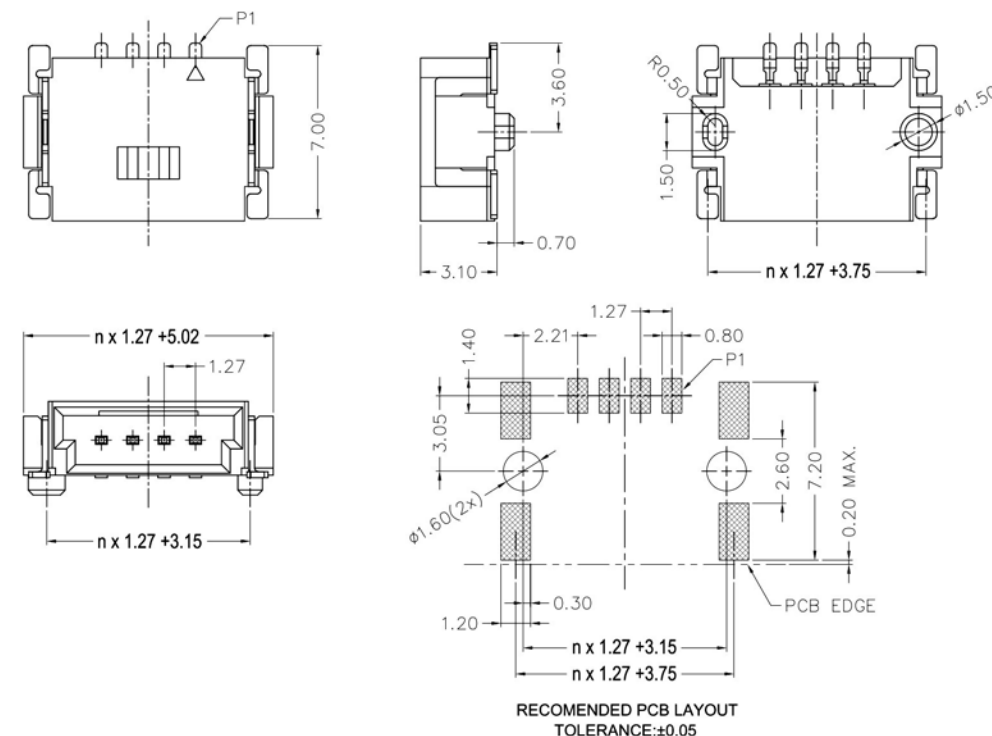
Isolierkörper	Thermoplast, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Kupferlegierung
Contact Material	Copper alloy
Kontaktoberfläche	Lt. Oberflächenoptionen, über Ni (1,2µm min.)
Contact Surface	Acc. to plating options, over Ni (1.2µm min.)
Durchgangswiderstand	< 25 mΩ
Contact Resistance	< 25 mΩ
Isolationswiderstand	> 1000 MΩ
Insulation Resistance	> 1000 MΩ
Spannungsfestigkeit	500 V AC
Test Voltage	500 V AC
Nennstrom	5 A max.
Current Rating	5 A max.
Temperaturbereich	-55 °C ... +125 °C
Temperature Range	-55 °C ... +125 °C



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Series*	Contacts*	Type	Plating*	Packaging
9025	06	1	80	PPTR
9025 Stiftleiste Box header	02 03 04 06 08 10 12	1 Stehend Vertical	60 Sel. Au / Sn 80 Sel. 30µ" Au / Sn	PPTR (Type 1)



Series*	Contacts*	Type	Plating*	Packaging
9025	06	2	60	TR
9025 Stiftleiste Box header	02 03 04 06 08 10 12	2 Liegend Horizontal	60 Sel. Au / Sn 80 Sel. 30µ" Au / Sn	TR (Type 2)

* Dies ist ein Bestellbeispiel -
bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

Lieferformen / Packaging Options:
PPTR (Type 1) Tape&Reel mit Pick&Place-Pad / Tape&Reel with Pick&Place-Pad
TR (Type 2) Tape&Reel ohne Pick&Place-Pad / Tape&Reel w/o Pick&Place-Pad

wppro.com/serie-XXX
wppro.com/serie-XXX

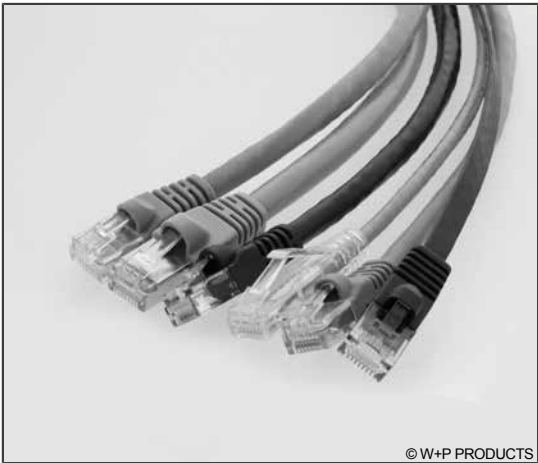
Design- und technische Änderungen auch ohne vorherige Ankündigung vorbehalten.
Design and/or technical specifications may change without prior notice.

660

Netzwerkkabel RJ45 Cat 5e / Cat 6 / Cat 6A

Network Cables RJ45 Cat 5e / Cat 6 / Cat 6A

Technische Daten / Technical Data
Mantelmaterial PVC
Sleeve Material PVC
Material Umspritzung PVC
Mold Material PVC
Adermaterial Reinkupfer
Strand material Pure Copper
Farbe Entspr. Bestelloptionen (Standard: Grau)
Colour Acc. to part number (standard: grey)
Spannungsfestigkeit 300 V max.
Test Voltage 300 V max.
Temperaturbereich siehe Tabelle
Temperature Range Acc. to table



Standardtypen / Standard Types:

Cable Construction	Plug Type	Cable Outer Diameter (mm, nominal)	Plug Length (L1, mm)	Max. Length in m (L)	Cable Spec	Temperature Range	Wire Gauge (AWG)	Minimum Bending Radius (mm)	Resistance per km (for raw cable)	UL Approval
RC5-UU26	45s	5.3 (round)	34.1	50	Cat 5e (Class D), U/UTP	-10 °C to +75 °C	26	53	139.8 Ω/km	CM
RC5-FU24	45sh	6.2 (round)	39.8	50	Cat 5e (Class D), F/UTP	-10 °C to +75 °C	24	62	93.8 Ω/km	CM
RL5-UU24 LSZH	45s	5.3 (round)	33.0	50	Cat 5e (Class D), U/UTP	-10 °C to +75 °C	24	53	93.8 Ω/km	None

LSZH: raucharm halogenfrei / low smoke zero halogen

Series

660

Plug Type*

45sh

Contacts

0808

Cable Type*

RC5-UU26

Contact Plating

90

Length (mm)*

03000

Colour*

60

45sh Geschirmt
Shielded
45s Ungeschirmt
Unshielded

0808 8 Contacts

RC5-UU26
RC5-FU24
RL5-UU24

Andere Spezifikationen und
Kabelfarben auf Anfrage
Other specifications and cable
colours on request

90 1.27µm Au
(Standard)

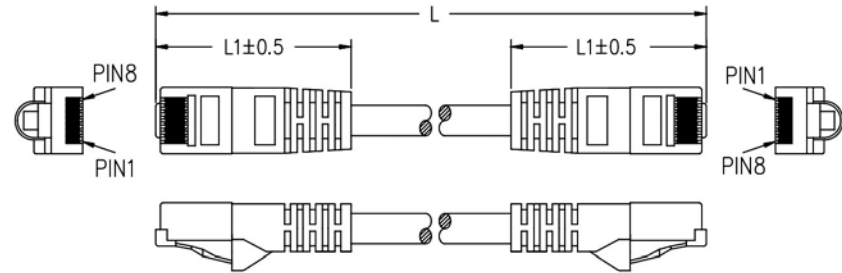
00300 0.3m
01000 1.0m
03000 3.0m
05000 5.0m
15000 15.0m

60 Grau (Standard)
Grey (Standard)
10 Schwarz
Black
20 Rot
Red
25 Orange
Orange
30 Blau
Blue
50 Gelb
Yellow
70 Weiß
White

660

Netzwerkkabel RJ45 Cat 5e / Cat 6 / Cat 6A

Network Cables RJ45 Cat 5e / Cat 6 / Cat 6A



Tolerances for L: ≤200±10mm ≤1000±20mm ≤1500±25mm ≤2100±30mm >2100±40mm



Orientation of connectors for flat cable version -FC6-UU32-

Cable Spec	Bandwidth	Ethernet
Cat 5e	100 MHz	1Gbit/s
Cat 6	250 MHz	1Gbit/s
Cat 6A	500 MHz	10Gbit/s

Standardtypen / Standard Types:

Cable Construction	Plug Type	Cable Outer Diameter (mm, nominal)	Plug Length (L1, mm)	Max. Length in m (L)	Cable Spec	Temperature Range	Wire Gauge (AWG)	Minimum Bending Radius (mm)	Resistance per km (for raw cable)	UL Approval
RC6-UU24	45s	6.8 (round)	34.8	20	Cat 6 (Class E), U/UTP	-10 °C to +75 °C	24	68	93.8 Ω/km	CM
FC6-UU32	45s	1.5 x 6.0 (flat)	33.5	20	Cat 6 (Class E), U/UTP	-10 °C to +60 °C	32	15	561.3 Ω/km	None
RL6-UU24 LSZH	45s	6.2 (round)	34.8	20	Cat 6 (Class E), U/UTP	-10 °C to +75 °C	24	62	93.8 Ω/km	None
RC6-FU24	45sh	6.2 (round)	39.8	40	Cat 6 (Class E), F/UTP	-10 °C to +75 °C	24	62	93.8 Ω/km	CM
RC6-SU24	45sh	7.2 (round)	39.8	40	Cat 6 (Class E), SF/UTP	-10 °C to +75 °C	24	72	93.8 Ω/km	CM
RC6A-UU24	45s	6,9 (round)	34.5	20	Cat 6A, U/UTP	-10 °C to +75 °C	24	69	93.8 Ω/km	CM
RL6A-SF26 LSZH	45sh	6.0 (round)	39.8	30	Cat 6A, S/FTP	-10 °C to +75 °C	26	60	139.8 Ω/km	None

LSZH: raucharm halogenfrei / low smoke zero halogen

Series

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Plug Type*

45sh

Contacts

0808

Cable Type*

RC6-FU24

Contact Plating

90

Length (mm)*

03000

Colour*

60

45sh Geschirmt
Shielded
45s Ungeschirmt
Unshielded

0808 8 Contacts

RC6-UU24
FC6-UU32
RL6-UU24
RC6-FU24
RC6-SU24
RC6A-UU24
RL6A-SF26

Andere Spezifikationen und
Kabelfarben auf Anfrage
Other specifications and cable
colours on request

90 1.27µm Au
(Standard)

00300 0.3m
01000 1.0m
03000 3.0m
05000 5.0m
15000 15.0m

60 Grau (Standard)
Grey (Standard)
10 Schwarz
Black
20 Rot
Red
25 Orange
Orange
30 Blau
Blue
50 Gelb
Yellow
70 Weiß
White

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bitte durch Ihre Spezifikationen ersetzen.
* This is an order example -
please replace by your specifications.

A network diagram with blue nodes and lines, featuring circular insets of electronic components and factory scenes. The diagram consists of a complex web of blue lines connecting various nodes. Some nodes are represented by circular images: a factory interior with workers, several different types of electronic connectors (D-sub, BNC, etc.), and a green printed circuit board (PCB) with components. The overall theme is industrial and technological connectivity.



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