

BOARD TO BOARD CONNECTION

PITCH 2.54 mm

Note:

PLATING standard version

Gold 0.25 μ m
Gold Flash
Tin

PLATING upon request

Selective Gold Flash
Selective Gold

Packing standard version

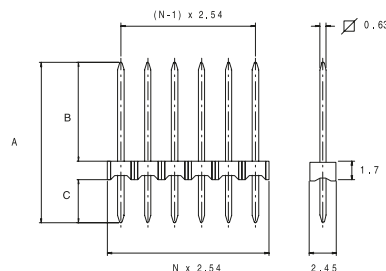
Box
Tube

Packing upon request

T&R
T&R + Cap
Tube + Cap



(N= Number of contacts)



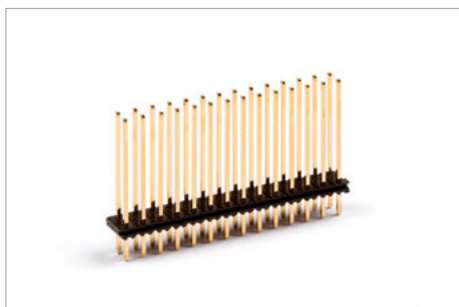
Features	Breakable header Insulator profile 1.7 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

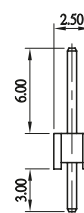
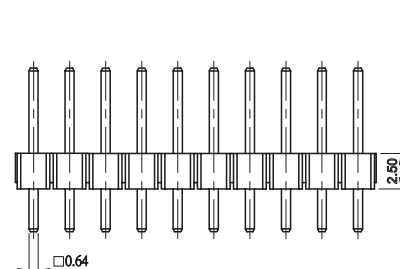
A	B	C	D
985	99xx	1xx	4x0

B	Standard connectors: view table
C	Number of contacts from 01 to 40
D	Plating 0 Gold 0.20÷0.25 μm over 1÷2 μm Ni 1 Gold flash 4 Tin 3÷5 μm over 0.5÷1 μm Ni

xx	A	B	C
11	9.2	4.3	3.2
13	10.2	5.3	3.2
15	11.2	6.3	3.2
17	12.4	7.5	3.2
19	13.8	8.9	3.2
21	14.5	9.6	3.2
22	15.1	10.2	3.2
24	16.0	11.2	3.2
28	17.7	12.5	3.2
31	19.5	14.6	3.2
33	22.0	17.1	3.2
35	23.3	18.5	3.2
37	25.8	20.9	3.2
39	28.3	23.4	3.2
42	30.8	25.9	3.2



(N= Number of contacts)



Features	Breakable header Insulator profile 2.54 mm Pin side dimension 0.64 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 5000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C

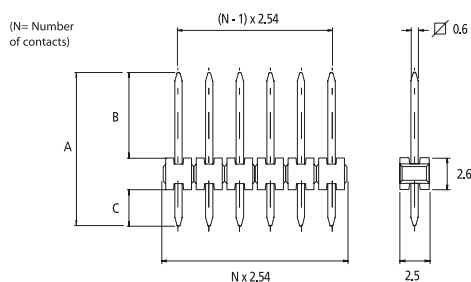
Product Code

A	B	C	D
471	9760	1xx	4x0

C	Number of contacts from 02 to 40
D	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold

STRIP HEADERS

MALE HEADER STRAIGHT



Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

Product Code

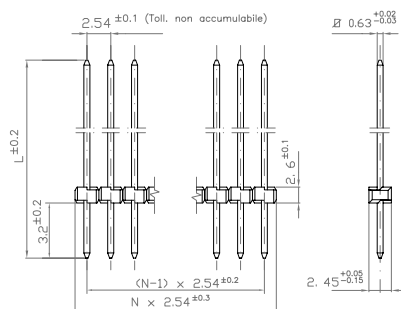
A	B	C	D
471	xxxx	1xx	4x0

B	Version
C	Number of contacts from 01 to 40
D	Plating 0 Gold 0.2 µm over Ni 1.27 µm 4 Tin 4 µm over Ni 1.27 µm Other platings on demand

Version	A	B	C
0543	9.2	3.3	3.3
0298	10.2	4.5	3.1
0358	11.2	5.4	3.2
1955	11.2	5.8	2.8
1956	12.4	5.8	4
0334	12.4	6.8	3
2801	12.9	7.3	3
0369	13.8	7.7	3.5
2035	13.8	8.1	3.1
0302	14.5	7	4.9
2754	14.5	8.8	3.1
0395	15.1	8	4.5
2256	15.1	9.3	3.2
2581	16.3	10.9	2.8
0575	17.7	12	3.1
2673	19.5	13.7	3.2
0211	22	15.6	3.8
2643	22	16.5	2.9
2003	25.8	20.2	3
0307	30.8	22.4	5.8
2804	30.8	25.2	3

INTERKON

MALE HEADER STRAIGHT



Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

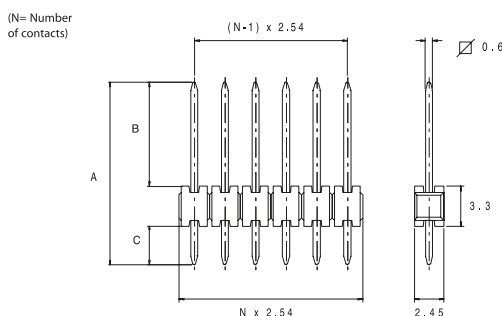
A	B	C	D
971	99xx	1xx	4x0

B	Standard connectors: view table
C	Number of contacts from 01 to 40
D	Plating 0 Gold 0.20÷0.25 µm over 1÷2 µm Ni 1 Gold flash 4 Tin 3÷5 µm over 0.5÷1 µm Ni

xx	A	B	C
11	9.2	3.4	3.2
13	10.2	4.4	3.2
15	11.2	5.4	3.2
17	12.4	6.6	3.2
19	13.8	8.0	3.2
21	14.5	8.7	3.2
22	15.1	9.3	3.2
24	16.0	10.2	3.2
28	17.7	11.9	3.2
31	19.5	13.7	3.2
33	22.0	16.2	3.2
35	23.3	17.5	3.2
37	25.8	20.0	3.2
39	28.3	22.5	3.2
42	30.8	25.0	3.2

STRIP HEADERS

MALE HEADER STRAIGHT



Features	Breakable header Insulator profile 3.3 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

Product Code

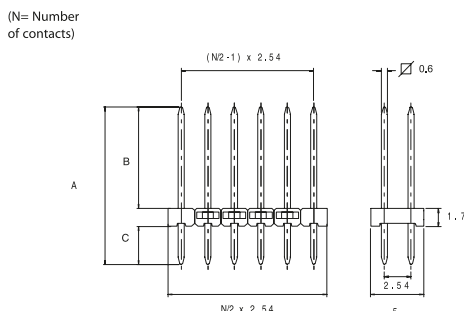
A	B	C	D
398	xxxx	1xx	4x0

B	Version
C	Number of contacts from 02 to 40
D	Plating 0 Gold 0.2 µm over Ni 1.27 µm 4 Tin 4 µm over Ni 1.27 µm Other platings on demand

Version	A	B	C
0543	9.2	2.7	3.2
0358	11.2	4.4	3.5
0334	12.4	5.6	3.5
0302	14.5	7.7	3.5
0303	19.5	10.8	5.4
0305	25.8	19	3.5
0307	30.8	24	3.5
0298	10.2	3.4	3.5
0575	17.7	10.9	3.5
0304	23.3	14.6	5.4
0306	28.3	15.6	9.4

STRIP HEADERS

MALE HEADER STRAIGHT



Features	Breakable header Insulator profile 1.7 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

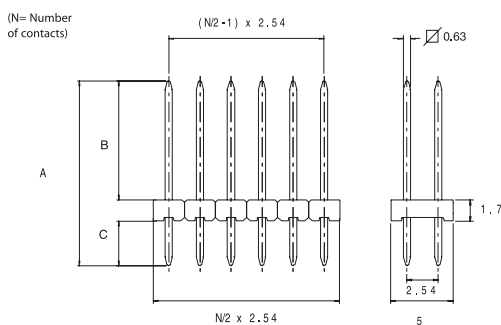
Product Code

A	B	C	D	E
38x	0xxx	1	xx	4x0

A	5 Gold version 6 Tin version
B	Version see table
D	Number of contacts per strip from 01 to 40
E	00/40 Plating 0 Gold 0.2 µm over Ni 1.27 µm 4 Tin 4 µm over Ni 1.27 µm Other platings on demand

Version	A	B	C
0543	9.2	4.3	3.2
0298	10.2	5.4	3.1
0358	11.2	6.3	3.2
0334	12.4	7.5	3.2
0369	13.8	8.6	3.5
0395	15.1	8.9	4.5
0575	17.7	12.8	3.2
0211	22	16.5	3.8

"Due to technical progress, all design, specification and components are subject to change without notice".



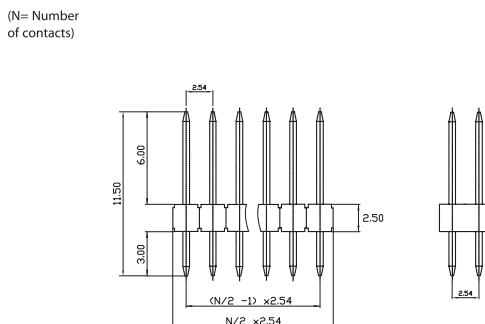
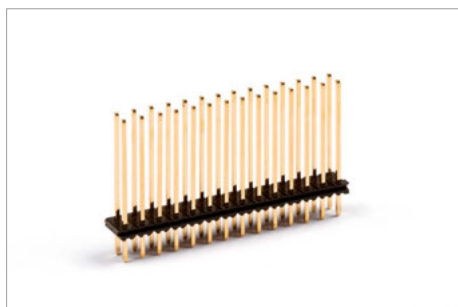
Features	Breakable header Insulator profile 1.7 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

A	B	C	D
989	99xx	1xx	4x0

B	Standard connectors: view table
C	Number of contacts from 02 to 80
D	0 Gold 0.20÷0.25 μm over 1÷2 μm Ni 1 Gold flash 4 Tin 3÷5 μm over 0.5÷1 μm Ni

xx	A	B	C
11	9.2	4.3	3.2
13	10.2	5.3	3.2
15	11.2	5.3	3.2
17	12.4	7.5	3.2
19	13.8	8.9	3.2
21	14.5	9.6	3.2
22	15.1	10.2	3.2
24	16.0	11.2	3.2
28	17.7	12.8	3.2
31	19.5	14.6	3.2
33	22.0	17.1	3.2
35	23.3	18.5	3.2
37	25.8	20.9	3.2
39	28.3	23.4	3.2
42	30.8	25.9	3.2



Features	Breakable header Insulator profile 2.54 mm Pin side dimension 0.64 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C

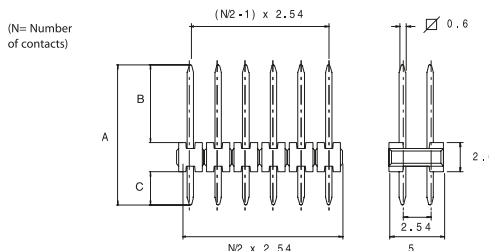
Product Code

A	B	C	D
473	9750	1xx	4x0

B	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold
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STRIP HEADERS

MALE HEADER STRAIGHT DOUBLE ROW



Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

Product Code

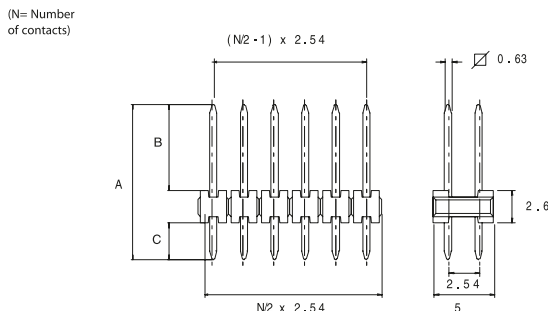
A	B	C	D
473	xxxx	1xx	4x0

B	Version
C	Number of contacts from 02 to 80
D	Plating 0 Gold 0.2 µm over Ni 1.27 µm 4 Tin 4 µm over Ni 1.27 µm Other platings on demand

Version	A	B	C
0358	11.2	5.4	3.2
1955	11.2	5.8	2.8
0334	12.4	6.8	3
2801	12.9	7.3	3
0369	13.8	7.7	3.5
2035	13.8	7.7	3.5
2754	14.5	8.8	3.1
2256	15.1	9.3	3.2
2581	16.3	10.9	2.8
0575	17.7	12	3.1
1960	17.7	9.3	5.8
0211	22	15.6	3.8
2804	30.8	25.2	3
0395	15.1	8	4.5
0298	10.2	4.5	3.2
0543	9.2	3.3	3.3
0303	19.5	12	4.9
0307	30.8	22.4	5.8
0306	28.3	19.9	5.8
0305	25.8	17.4	5.8
0304	23.3	14.9	5.8
1844	16.3	7.9	5.8
1958	14.5	6.1	5.8
1956	12.4	4	5.8

INTERKON

MALE HEADER, STRAIGHT, DOUBLE ROW



Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

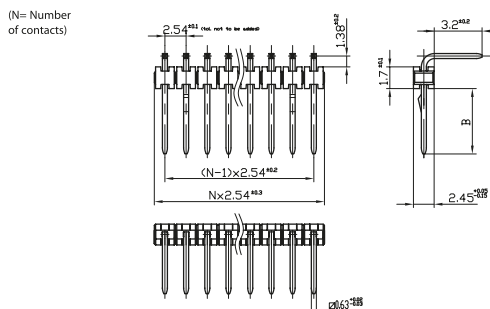
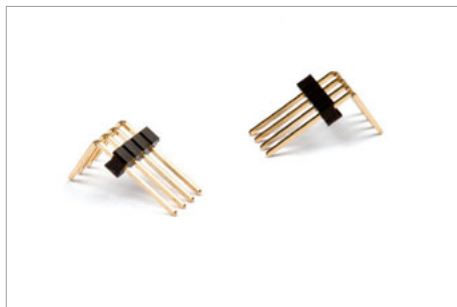
Product Code

A	B	C	D
973	99xx	1xx	4x0

B	Standard connectors: view table
C	Number of contacts from 02 to 80
D	Plating 0 Gold 0.20÷0.25 µm over 1÷2 µm Ni 1 Gold flash 4 Tin 3÷5 µm over 0.5÷1 µm Ni

xx	A	B	C
11	9.2	3.4	3.2
13	10.2	4.4	3.2
15	11.2	5.4	3.2
17	12.4	6.6	3.2
19	13.8	8.0	3.2
21	14.5	8.7	3.2
22	14.5	8.7	3.2
24	16.0	10.2	3.2
28	17.7	11.9	3.2
31	19.5	13.7	3.2
33	22.0	16.2	3.2
35	23.3	17.5	3.2
37	25.8	20.0	3.2
39	28.3	22.5	3.2
42	30.8	25.0	3.2

"Due to technical progress, all design, specification and components are subject to change without notice".



Features	Breakable header Insulator profile 1.7 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

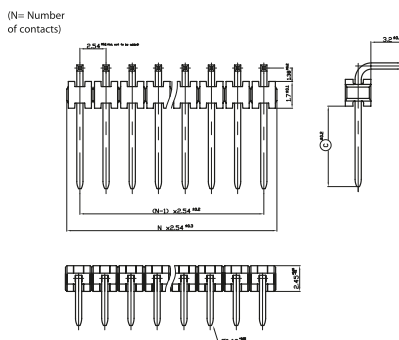
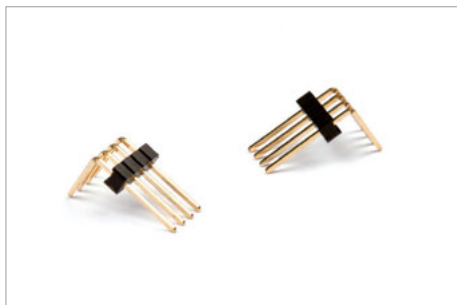
A	B	C	D
903	99xx	1xx	4x0

B Standard connectors: view table**C** Number of contacts from 01 to 40

D

Plating
0 Gold 0.20÷0.25 μm over 1÷2 μm Ni
1 Gold flash
4 Tin 3÷5 μm over 0.5÷1 μm Ni

Version	A	B	C
11	2.3	3.2	1.38
13	3.3	3.2	1.38
15	4.3	3.2	1.38
17	5.5	3.2	1.38
19	6.9	3.2	1.38
21	7.6	3.2	1.38
22	8.2	3.2	1.38
24	9.1	3.2	1.38
28	10.8	3.2	1.38
31	12.6	3.2	1.38
32	13.4	3.2	1.38
33	15.1	3.2	1.38



Features	Breakable header Insulator profile 31.7 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

A	B	C	D	E
987	99xx	1	xx	4x0

B Standard connectors: view table**D** Number of contacts from 01 to 40

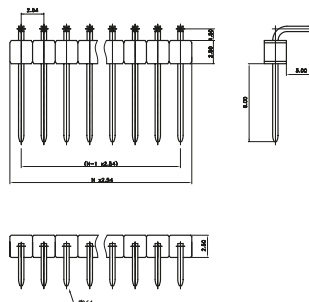
E

Plating
0 Gold 0.20÷0.25 μm over 1÷2 μm Ni
1 Gold flash
4 Tin 3÷5 μm over 0.5÷1 μm Ni

xx	B	C	D
11	3.2	2.2	1.38
13	3.2	3.2	1.38
15	3.2	4.2	1.38
17	3.2	5.4	1.38
19	3.2	6.8	1.38
22	3.2	8.1	1.38
24	3.2	9.0	1.38
28	3.2	10.7	1.38
31	3.2	12.5	1.38
33	3.2	15.0	1.38



(N= Number of contacts)



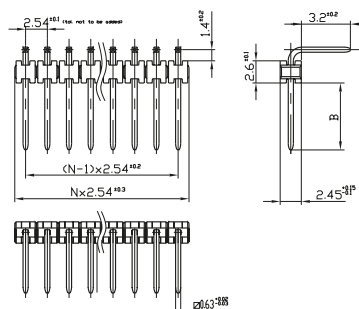
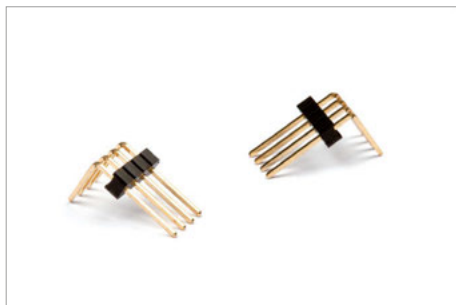
Features	Breakable header Insulator profile 2.54 mm Pin side dimension 0.64 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D
472	9716	1xx	4x0

C Number of contacts from 02 to 40

D Plating
0 Gold 0.25 μm
1 Gold flash
4 Tin
7 Selective gold



Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

A	B	C	D
972	99xx	1xx	4x0

B Standard connectors: view table

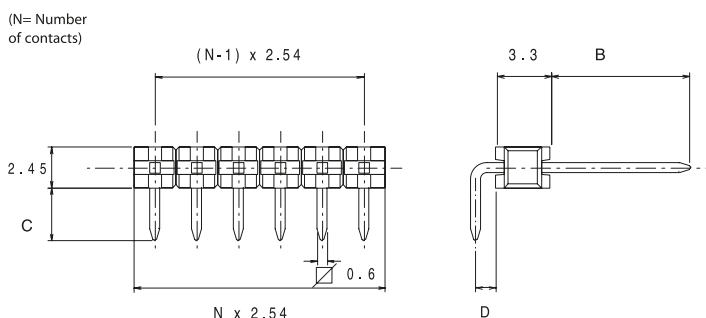
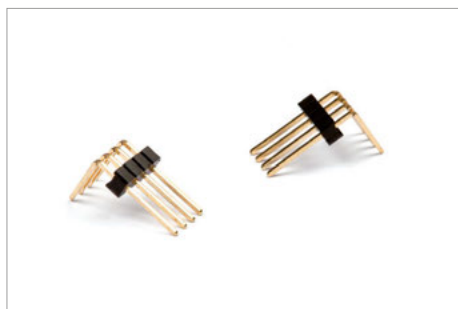
D Number of contacts from 01 to 40

E Plating
0 Gold 0.20÷0.25 μm over 1÷2 μm Ni
1 Gold flash
4 Tin 3÷5 μm over 0.5÷1 μm Ni

xx	B	C	D
15	3.4	3.2	1.4
17	4.6	3.2	1.4
19	6.0	3.2	1.4
21	6.7	3.2	1.4
22	7.3	3.2	1.4
24	8.2	3.2	1.4
28	9.9	3.2	1.4
31	11.7	3.2	1.4
33	14.2	3.2	1.4
35	15.5	3.2	1.4
37	18.0	3.2	1.4
39	20.5	3.2	1.4
42	23.0	3.2	1.4

STRIP HEADERS

MALE HEADER RIGHT ANGLE



Features	Breakable header Insulator profile 3.3 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

Product Code

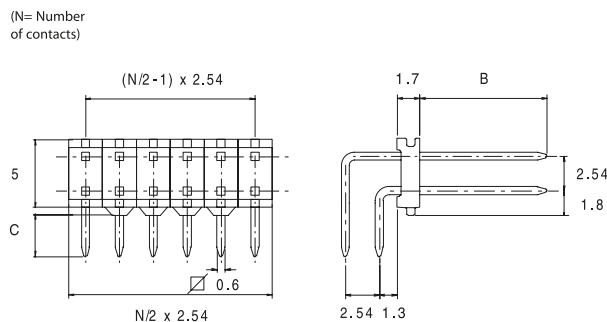
A	B	C	D
399	xxxx	1xx	4x0

B	Version
C	Number of contacts from 02 to 40
D	Plating 0 Gold 0.2 μm over Ni 1.27 μm 4 Tin 4 μm over Ni 1.27 μm Other platings on demand

Version	D	B	C
0395	3.9	3.5	3.5
0303	3.9	3.5	7.9
0304	3.9	3.5	11.7
0358	1.3	2.9	2.7
0334	1.3	3.3	3.5
0302	1.3	5.4	3.5
0211	1.3	11	5.4
0305	1.3	14.8	5.4

STRIP HEADERS

MALE HEADER RIGHT ANGLE DOUBLE ROW



Features	Breakable header Insulator profile 1.7 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

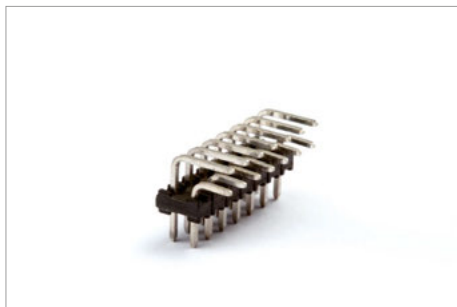
Product Code

A	B	C	D
39x	0xxx	1xx	4xx

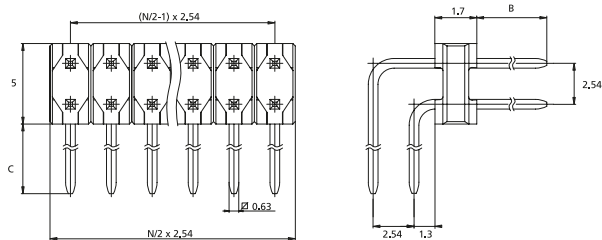
A	1 Gold version 2 Tin version
B	Version
C	Number of contacts per strip from 04 to 80

D	Plating 0 Gold 0.2 μm over Ni 1.27 μm 4 Tin 4 μm over Ni 1.27 μm Other platings on demand
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Version	B	C
0419	5.8	3
0401	6	4.3



(N= Number of contacts)



Features	Breakable header Insulator profile 1.7 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

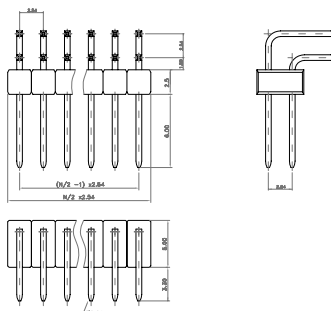
A	B	C	D
991	99xx	1xx	4x0

B	Standard connectors: view table
C	Number of contacts from 02 to 80
D	0 Gold 00.25 μm 1 Gold flash 4 Tin

xx	B	C
51	3.2	3.2
52	7.5	3.2
53	5.4	3.2
54	8.1	3.2
79	18.8	3.2



(N= Number of contacts)



Features	Breakable header Insulator profile 2.54 mm Pin side dimension 0.64 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C

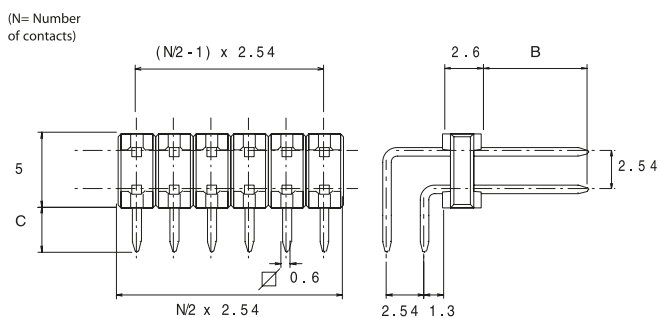
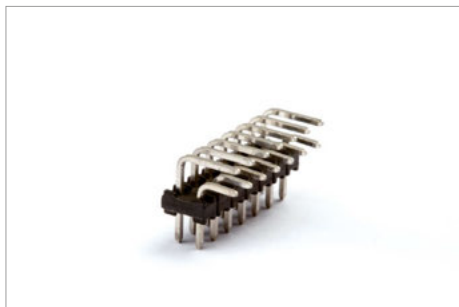
Product Code

A	B	C	D
474	9751	1xx	4x0

C	Number of contacts from 04 to 80
D	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold

STRIP HEADERS

MALE HEADER RIGHT ANGLE DOUBLE ROW



Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40° C to 125 °C Pc board Hole diameter Ø 1 mm
Packaging	Recyclable cardboard boxes

Product Code

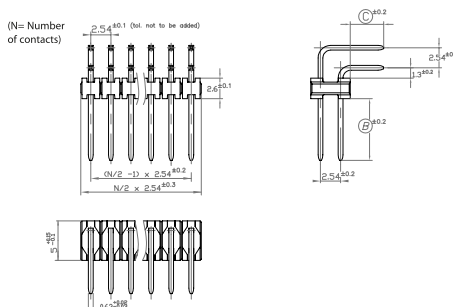
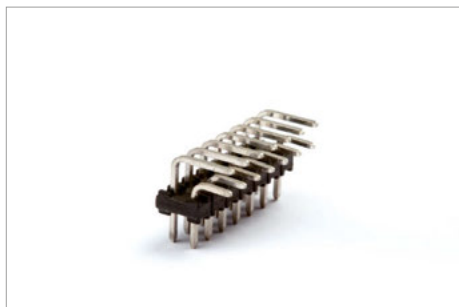
A	B	C	D
474	xxxx	1xx	4x0

B	Version
C	Number of contacts from 02 to 80
D	Plating 0 Gold 0.2 μm over Ni 1.27 μm 4 Tin 4 μm over Ni 1.27 μm Other platings on demand

Version	B	C
2160	3.3	3.4
2280	5.8	3.3
1965	6.0	3.8
1845	7.0	3.0
1984	8.1	3.5
1983	5.8	5.8

INTERKON

MALE HEADER RIGHT ANGLE DOUBLE ROW



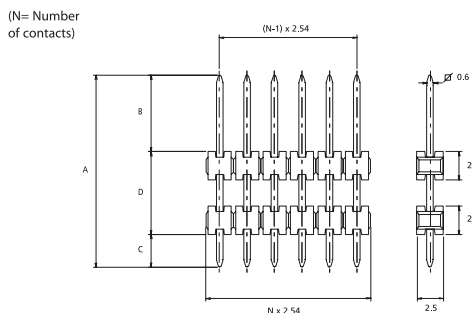
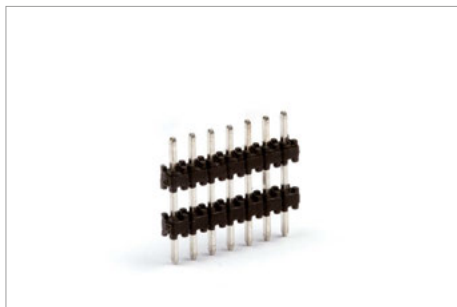
Features	Breakable header Insulator profile 2.6 mm Pin side dimension 0.63 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Cardboard boxes

Product Code

A	B	C	D
974	99xx	1xx	4x0

B	Standard connectors: view table
C	Number of contacts from 02 to 80
D	Plating 0 Gold $0.20 \div 0.25 \mu\text{m}$ over $1 \div 2 \mu\text{m}$ Ni 1 Gold flash 4 Tin $3 \div 5 \mu\text{m}$ over $0.5 \div 1 \mu\text{m}$ Ni

Version	B	C
51	2.3	3.2
52	6.6	3.2
53	4.5	3.2
54	7.2	3.2
67	11.5	3.2
74	15.4	3.2
79	17.9	3.2



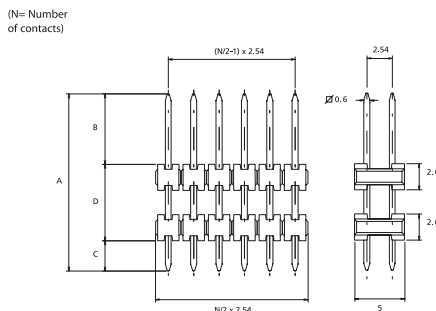
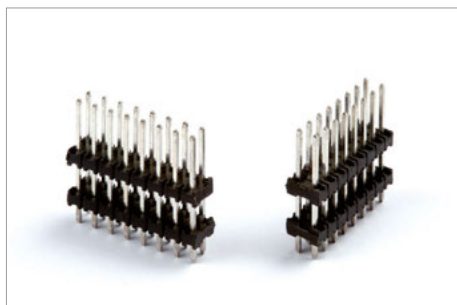
BUILD YOUR OWN HEADER:

choose the A lenght of the standard pin shown in the table below and settle the B, C and D dimensions according to your needs. Then, inform K-C about these main features you require and you will get the complete P/N of the product you need. In order to inform K-C, you can send a copy of this page by fax (+39 0341 265400) completely filling in the hereunder form.

Features	Dual insulated headers Breakable pitch 2.54 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 500 V AC Insulation resistance: 10000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Recyclable card board boxes

0	Gold plating 0.2 µm over Ni 1.27 µm	7	Selective gold plating 0.2 µm over Ni
1	Gold plating flash	8	Selective gold plating 0.4 µm over Ni
4	Tin plating 4 µm over Ni 1.27 µm	9	Selective gold plating 0.8 µm over Ni

N = Total number of contacts (02÷40)	A ± 0,2	B ± 0,2	C ± 0,2	D ± 0,2	Plating



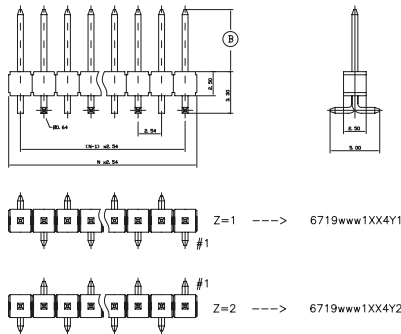
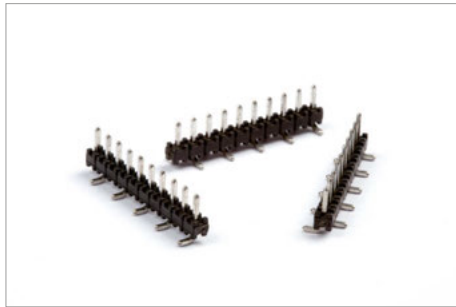
BUILD YOUR OWN HEADER:

choose the A lenght of the standard pin shown in the table below and settle the B, C and D dimensions according to your needs. Then, inform K-C about these main features you require and you will get the complete P/N of the product you need. In order to inform K-C, you can send a copy of this page by fax (+39 0341 265400) completely filling in the hereunder form.

Features	Dual insulated headers Breakable pitch 2.54 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 4A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Recyclable card board boxes

0	Gold plating 0.2 µm over Ni 1.27 µm	7	Selective gold plating 0.2 µm over Ni
1	Gold plating flash		
4	Tin plating 4 µm over Ni 1.27 µm		

N = Total number of contacts (02÷40)	A ± 0,2	B ± 0,2	C ± 0,2	D ± 0,2	Plating



Features	Breakable header Pin side dimension 0.64 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

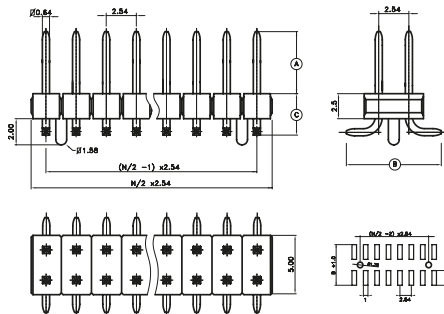
Product Code

A	B	C	D	E	F
671	9xxx	1xx	4x	x	-x

B	See table
C	Number of contacts from 02 to 40
D	Plating 4 *Tin 4 μm over Ni 1.27 μm 7 *Selective Gold 0 Gold 0.25 μm 1 Gold flash
E	Position of the first pin (see below 1 or 2)

F
T: tube
TC: Tube + Cap
R: Tape & Reel
RC: Tape & Reel + Cap

Cod	B
9807	3.3
9808	5.8
9798	6.0



Features	Breakable header Pin side dimension 0.64 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi. Dielectric withstanding: 1000 V AC Insulation resistance: 1 000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

Product Code

A	B	C	D	E	F
673	98xx	1xx	4x	x	-x

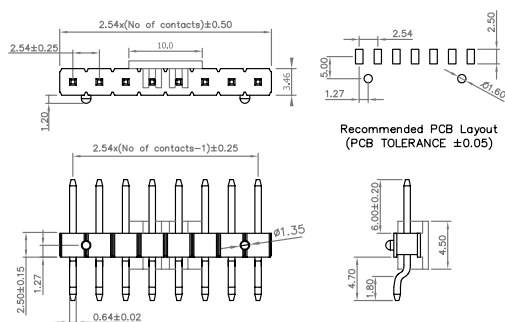
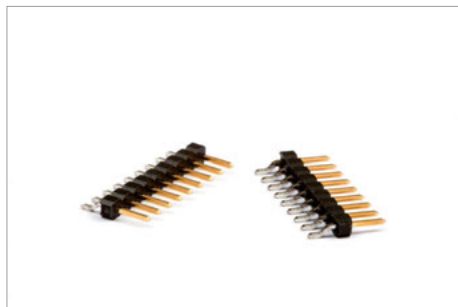
B	See table
C	Number of contacts from 04 to 80
D	Plating 4 *Tin 4 μm over Ni 1.27 μm 7 *Selective Gold 0.2 μm over Ni 1.27 μm 0 Gold 0.25 μm 1 Gold flash 9 Gold 0.75 μm

E
Locating peg
0 without
1 with

F
T: tube
TC: Tube + Cap
R: Tape & Reel
RC: Tape & Reel + Cap

Cod	B
9809	3.3
9810	5.8
9811	6.0

MALE HEADER RIGHT ANGLE SMT



Features	Breakable header Insulator profile 32.5 mm Positioning peg
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Brass
Electrical	Current rating: 3A maxi. Dielectric withstanding: 1000 V AC Insulation resistance: 5000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube or T&R

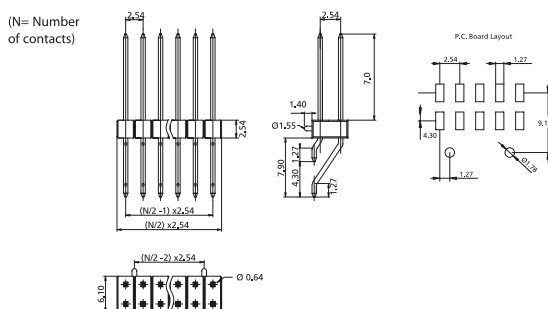
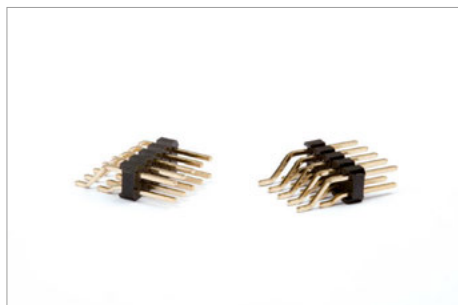
Product Code

A	B	C	D	E	F	G
671	9749	1	xx	4x	1	-x

D	Number of contacts from 03 to 25	G	T: tube TC: Tube + Cap RC: Tape & Reel + Cap
E	Plating 4 *Tin 7 *Selective Gold flash 0 Gold 0.25um 1 Gold flash 6 Selective gold flash tyht		

INTERKON SMT

MALE HEADER RIGHT ANGLE SMT

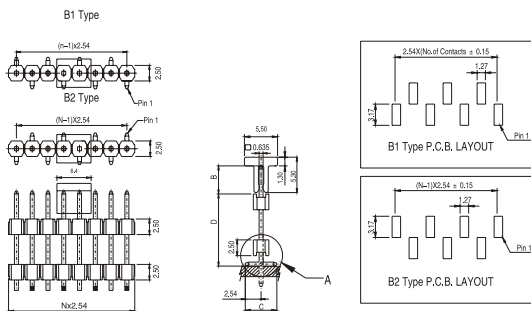


Features	Breakable header Insulator profile 2.5 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 5000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

Product Code

A	B	C	D	E	F	G
673	9812	1	xx	4x	x	-x

D	Number of contacts from 06 to 60	G	Packging T: tube TC: Tube + Cap R: Tape & Reel RC: Tape & Reel + Cap
E	Plating 4 Tin 1 Gold flash 0 Gold 7 Selective Gold		
F	Locating peg 0 without 1 with		



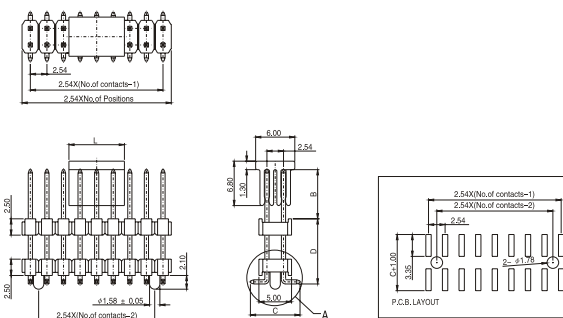
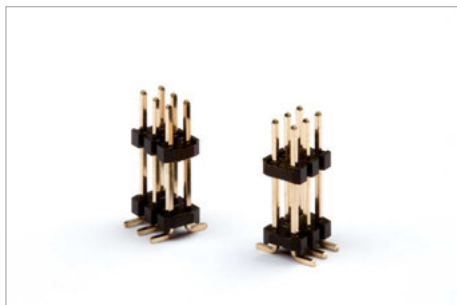
BUILD YOUR OWN HEADER:

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Features	Dual insulated headers Breakable pitch 2.54 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Voltage: 500 V Insulation resistance: 5000 MΩ mini
Mechanical	Temperature rating: -55 °C to 105 °C
Packaging	Tube, box or T&R

0	Gold plating 0.2μm over Ni 1.27μm	7	Selective gold plating 0.2μm over Ni
1	Gold plating flash	8	Selective gold plating 0.4μm over Ni
4	Tin plating 4μm over Ni 1.27μm	9	Selective gold plating 0.8μm over Ni

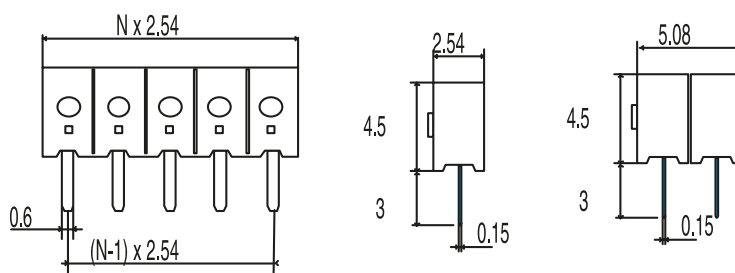
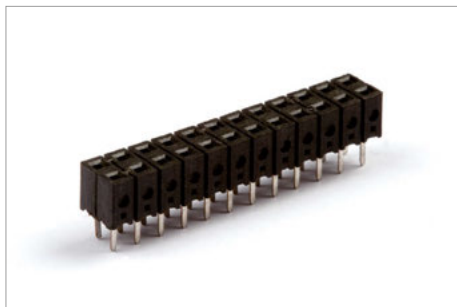
N = Total number of contacts (02÷40)	A ± 0,2	B ± 0,2	C ± 0,2	D ± 0,2	Plating



Features	Dual insulated headers Breakable pitch 2.54 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

0	Gold plating 0.2 μm over Ni 1.27 μm	7	Selective gold plating 0.2 μm over Ni
1	Gold plating flash		
4	Tin plating 4 μm over Ni 1.27 μm		

N = Total number of contacts (02÷40)	A ± 0,2	B ± 0,2	C ± 0,2	D ± 0,2	Plating



Features	Top entry breakable socket Body height 4.6 mm
Material	Housing: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Plastic tubes (220 contacts per stick)

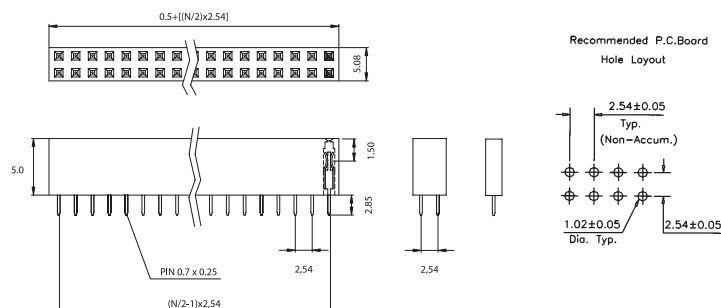
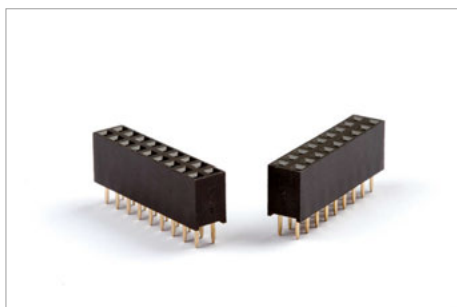
Product Code

A	B	C	D	E
477	xxxx	1	xx	4x0

B Number of row
2845 Single row
3001 Double row

D Number of contacts
from 02 to 25 single row
from 04 to 50 double row

E Plating
0 Selective Gold plating 0.2 μm
over Ni
4 Tin 4 μm
9 Selective Gold plating 0.8 μm
over Ni



Features	Body height 5.0 mm
Material	Insulator: PA UL 94V0 Contact: Phosphor bronze
Electrical	Current rating 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

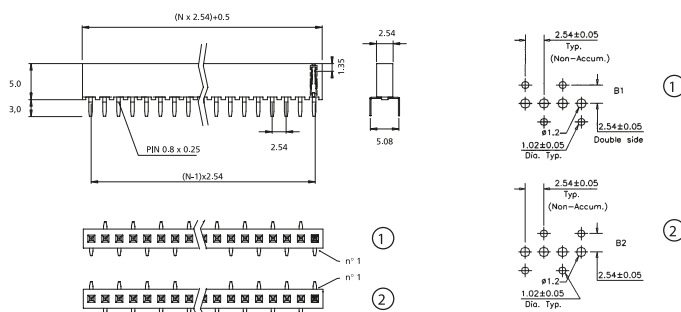
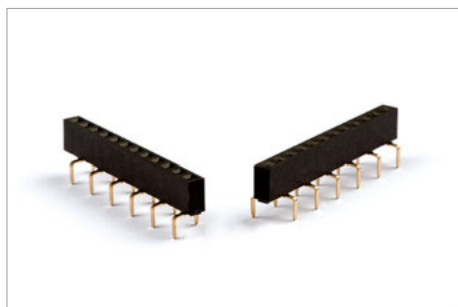
Product Code

A	B	C	D
477	972x	1xx	4x0

B Number of row
0 Single row
4 Double row

C Number of contacts
from 03 to 40 single row
from 04 to 80

D Plating
0 Gold 0.25 μm
1 Gold flash
4 Tin
7 Selective gold
6 Selective gold flash
6 Gold 0.75 μm

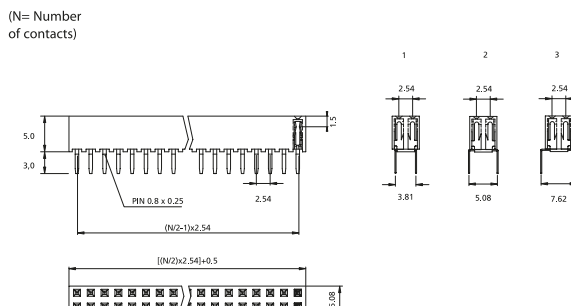
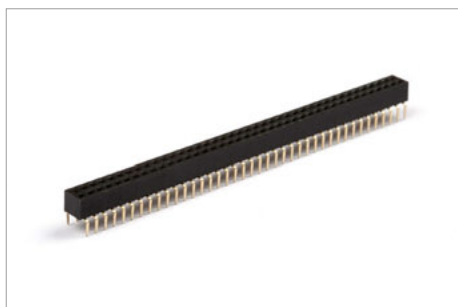


Features	Dual entry body height 5.0 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D	E
477	9721	1xx	4x	x

C	Number of contacts from 03 to 30
D	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold
E	Position of the first pin (see below 1 or 2) 0 all pin on same side

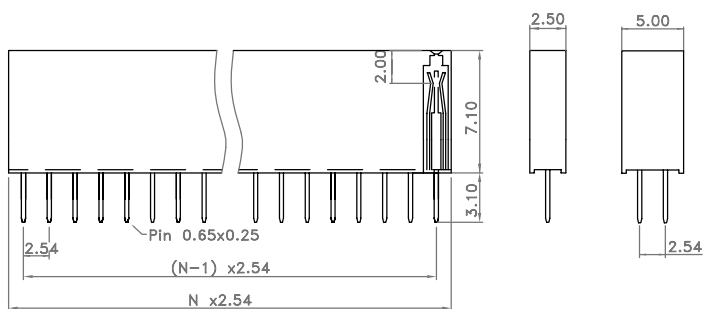
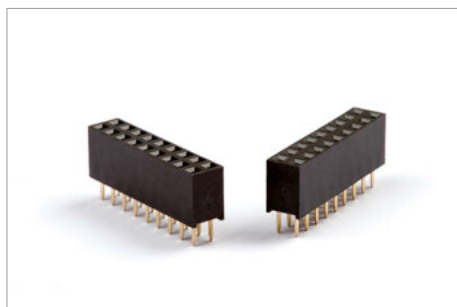


Features	Dual entry socket Body height 5.0 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphore bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D	E	F
477	9725	1	xx	4x	x

D	Number of contacts from 04 to 80
E	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold plating
F	Pitch between rows (type) 1 3.81 mm 2 5.08 mm 3 7.62 mm

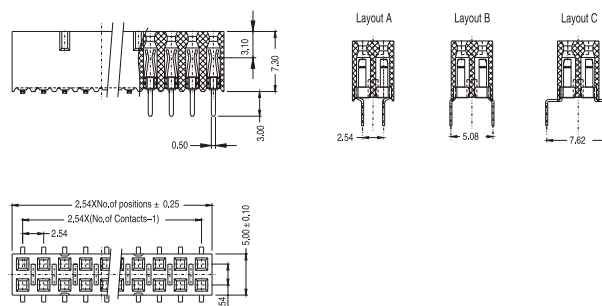
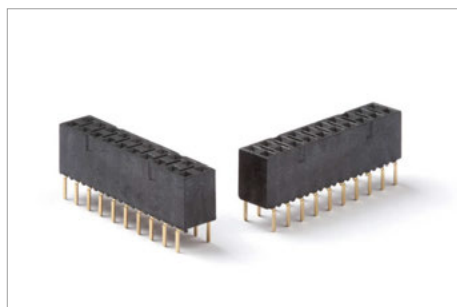


Features	Body height 7.1 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D	E
477	97xx	1	xx	4x0

B	Number of row 67 single row 70 double row	E	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold 9 Gold 0.75 μm
C	Number of contacts from 02 to 40 single row from 06 to 80 double row		

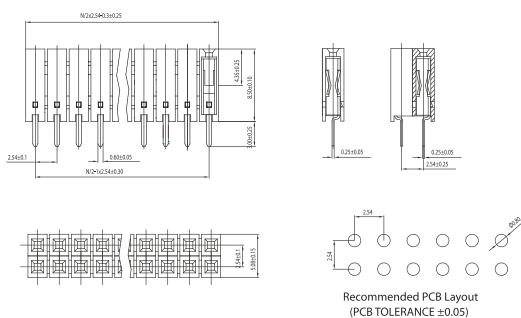
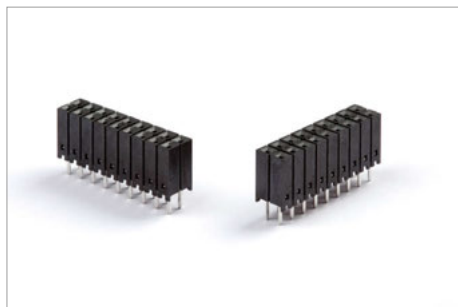


Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D
477	823x	1xx	4x0

B	Layout 1: 2.54 mm 2: 5.08 mm 3: 7.62 mm	D	Plating 1 Gold flash 4 Tin 6 Selective gold flash
C	Number of contacts from 04 to 80		

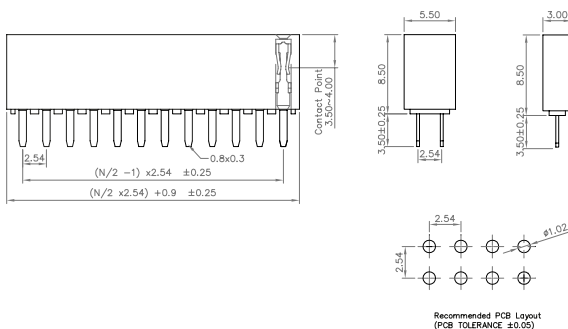
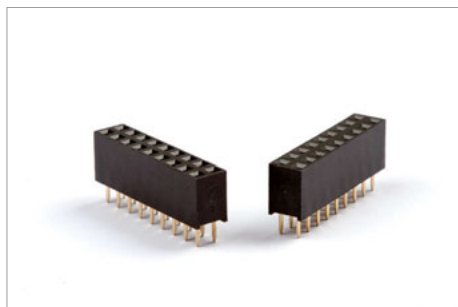


Features	Top entry modular connector Pitch 2.54 mm
Material	Insulator: LCP UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D
477	820x	1xx	4x0

B	Number of row 5 Single row 1 Double row	D	Plating 4 Tin 7 Selective Gold over Ni
C	Number of contacts from 02 to 45 single row from 04 to 90 double row		



Features	Body height 8.5 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

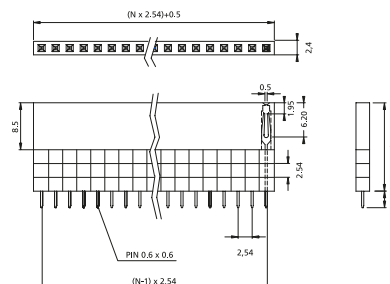
Product Code

A	B	C	D
477	97xx	1xx	4x0

B	Number of row 26 Single row 68 Double row	D	Plating 0 Gold 0.25 um 1 Gold flash 4 Tin 7 Selective gold
C	Number of contacts from 03 to 40 single row from 06 to 80 double row		



(N= Number of contacts)



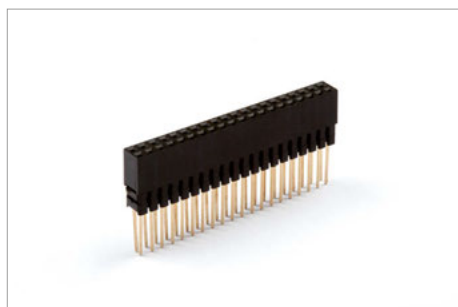
Features	Elevated socket
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

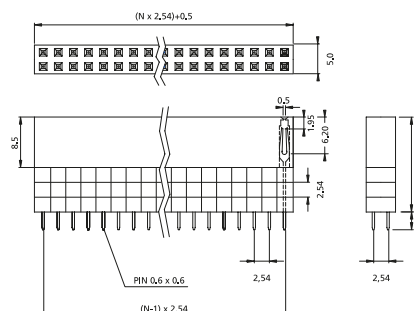
A	B	C	D	E
401	9718	1xx	4x	x

C	Number of contacts from 03 to 30
D	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold
E	Options for foot lenght and plastic height: see table.

x	A	B
1	11.05	3.0
2	11.05	8.1
3	13.59	5.6
4	16.13	3.0
5	11.05	13.0
6	13.59	10.6
7	16.13	8.0
8	18.67	5.5



(N= Number of contacts)



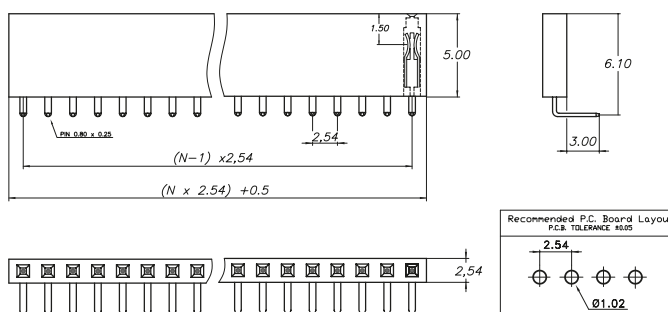
Features	Elevated socket
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D	E	F
477	9723	1	xx	4x	x

D	Number of contacts from 04 to 80
E	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold
F	Options for foot lenght and plastic height: see table

x	A	B
1	11.05	3
2	11.05	8.1
3	13.59	5.6
4	16.13	3
5	11.05	13
6	13.59	10.6
7	16.13	8
8	18.67	5.5



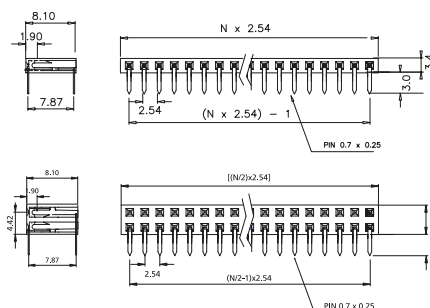
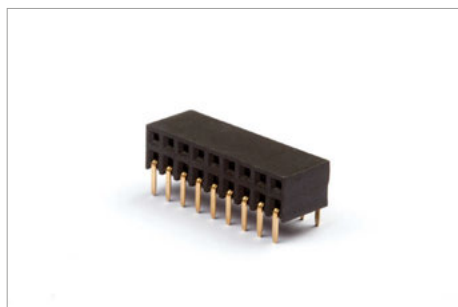
Features	Body height 2.6 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating 3A maxi Dielectric withstanding: 1000 V Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D
477	9719	1xx	4x0

C Number of contacts from 03 to 40

D Plating
0 Gold 0.25 μm
1 Gold flash
4 Tin
7 Selective gold
6 Selective gold flash
6 Gold 0.75 μm



Features	Body height 3.4 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C

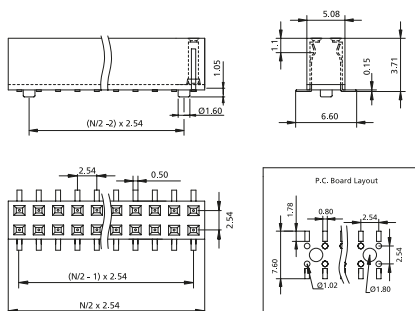
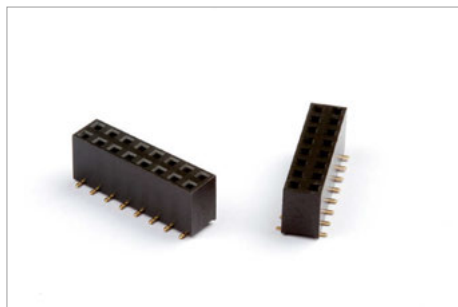
Product Code

A	B	C	D
477	97xx	1xx	4x0

B Number of row
17 Single row
22 Double row

C Number of contacts
from 02 to 40 single row
from 04 to 80 double row

D Plating
0 Gold 0.25 μm
1 Gold flash
4 Tin
7 Selective gold



Features	Dual entry socket Body height 3.7 mm
Material	Insulator Material: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini
Packaging	Tube, box or T&R

Product Code

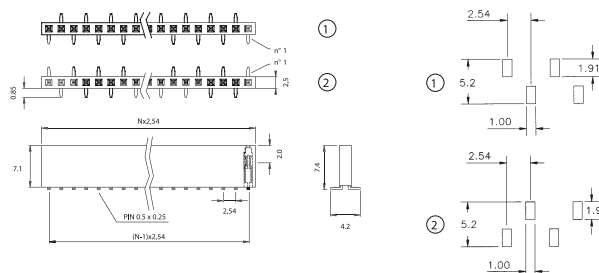
A	B	C	D	E	F
677	9797	1xx	4x	x	-x

C	Number of contacts from 04 to 80
D	Plating 0 Gold 0.25 μm 1 Gold flash 4 Tin 7 Selective gold
E	Locating peg 0 without 1 with Only selective gold plating available

F T: tube
TC: Tube + Cap
R: Tape & Reel
RC: Tape & Reel + Cap



(N= Number
of contacts)



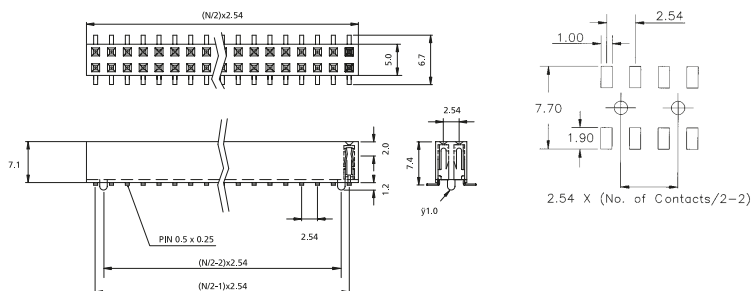
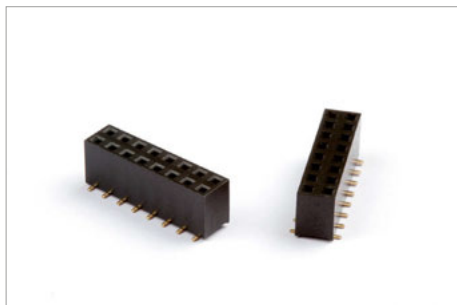
Features	Body height 7.1 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

Product Code

A	B	C	D	E	F
677	9753	1xx	4x	x	-x

C	Number of contacts from 03 to 40
D	Plating 1 Gold flash 4 Tin 7 Selective gold
E	Position of the first pin see below 1 or 2

F T: tube
TC: Tube + Cap
R: Tape & Reel
RC: Tape & Reel + Cap

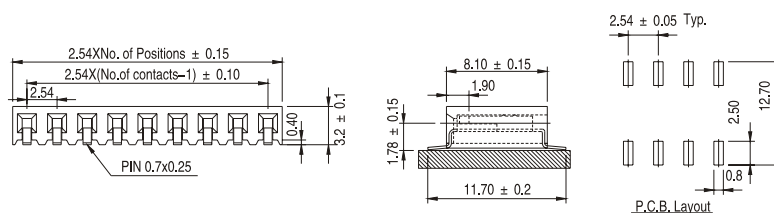
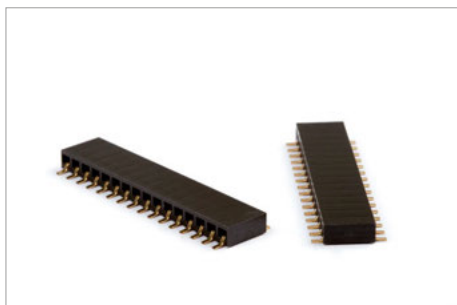


Features	Dual entry socket Body height 7.1 mm
Material	Insulator: High temperature thermoplastic UL 94V0 Contact: Copper alloy
Electrical	Current rating: 3A maxi Dielectric withstanding: 1000 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

Product Code

A	B	C	D	E	F
677	9754	1xx	4x	x	-x

C	Number of contacts from 03 to 40	F	T: tube TC: Tube + Cap R: Tape & Reel RC: Tape & Reel + Cap
D	Plating 1 Gold flash 4 Tin 7 Selective gold		
E	Alignment pin 0 without 1 with		

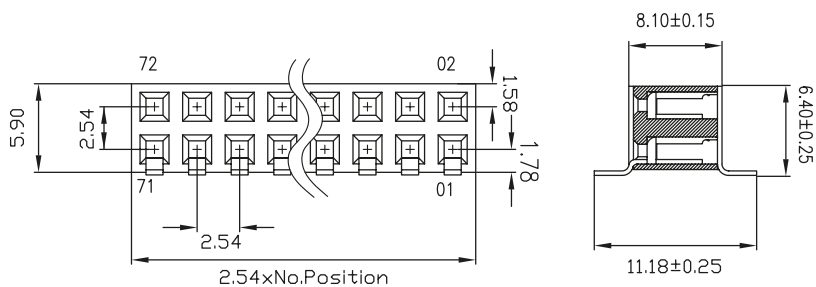
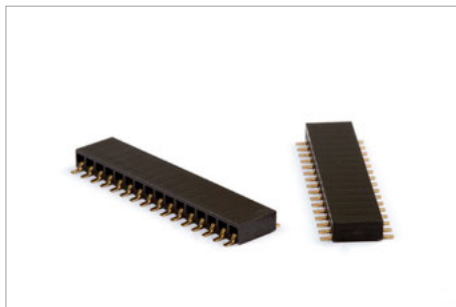


Features	Body height 3.2 mm
Material	Housing: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube, box or T&R

Product Code

A	B	C	D	E
677	8334	1xx	4x0	-x

C	Number of contacts from 02 to 40
D	Plating 1 Gold flash 4 Tin 6 Selective gold flash
E	T: tube TC: Tube + Cap RC: Tape & Reel + Cap



Material	Housing: High temperature thermoplastic UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini Contact resistance: 20 mΩ max
Mechanical	Temperature rating: -40 °C to 105 °C
Packaging	Tube and T&R

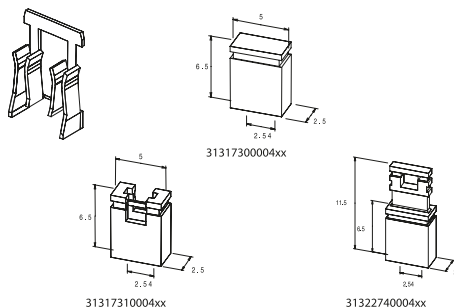
Product Code

A	B	C	D	E
677	8309	1xx	4x0	-x

C	Number of contacts from 06 to 80
D	Plating 1 Gold flash 4 Tin 6 Selective gold flash
E	T: tube TC: Tube + Cap RC: Tape & Reel + Cap

INSULATED JUMPERS

SOCKET JUMPERS



Features	Colour Coded
Material	Housing: Polyester GF UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Contact resistance: 20 mΩ max
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Recyclable cardboard boxes

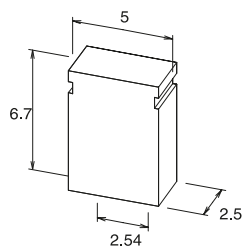
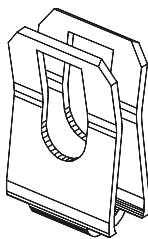
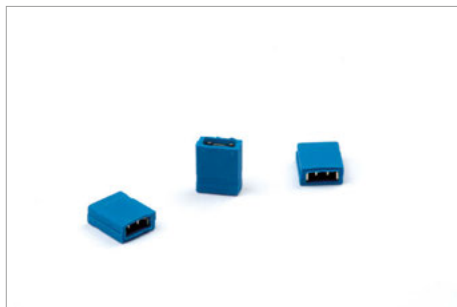
Product Code

A	B	C	D	E
313	xxxx	000	4x	x

B	1730 Closed jumper 1731 Open jumper 2274 Tabs jumper	E	Colour 0 Black 2 Red 6 Blue
D	Plating 0 Selective Gold plating 0.2 μm over Ni 1.27 μm 4 Tin plating 4 μm over Ni 1.27 μm Other plating upon request.		

INSULATED JUMPERS

SOCKET JUMPERS



31309460004xx

Features	Colour Coded
Material	Housing: Polyester GF UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Contact resistance: 20 mΩ max
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Recyclable cardboard boxes

Product Code

A	B	C	D	E
313	0946	000	4 0	x

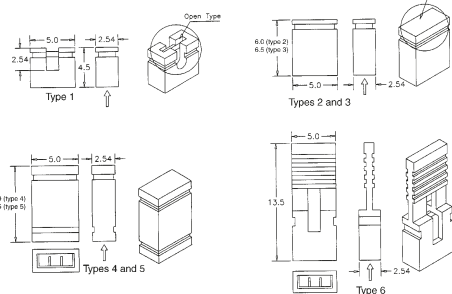
B	0946 Closed jumper
D	Plating 0 Selective Gold plating 0.8 μm over Ni 1.27 μm
E	Colour 0 Black 2 Red 6 Blue

INSULATED JUMPERS

SOCKET JUMPERS



DRAWING AVAILABLE UPON REQUEST



Material	Insulator: Black polyester PBT UL 94V0 Contact: Copper alloy Plating: Gold flash
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 105 °C

Product Code

A	B	C	D
313	976x	000	41x

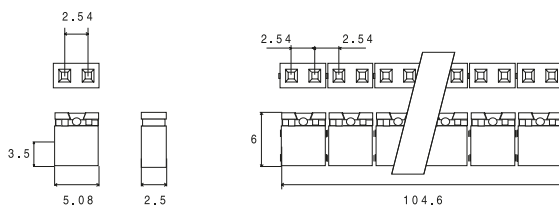
B	Type 1 Height 4.5 mm open type 2 Height 6.0 mm open type 3 Height 6.5 mm close type 4 Height 8.0 mm open type 5 Height 8.5 mm close type 6 Height 13.5 mm open type	D	Color 0 Black (all types) 2 Red (types 1,2,3 and 6) 4 Yellow (types 1,2,3 and 6) 5 Green (types 2 and 3) 6 Blue (types 1,2,3 and 6) 9 White (all types)
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INSULATED JUMPERS

SOCKET JUMPERS



(N= Number
of contacts)



Features	Quick and easy handling in strips Highly reliable twin leaf contact Easy insertion: tapered entry
Material	Housing: Black Glass filled polyester UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Contact resistance: 20 mΩ max Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Plastic tubes or cardboard boxes

Product Code

A	B	C	D	E	F
313	2512	0xx	4	x	x

C

Packaging
01 by Units in box
20 In strips of 20 shunts

F

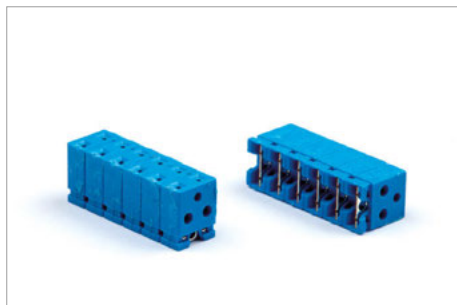
Colour
0 Black
2 Red
6 Blue

E

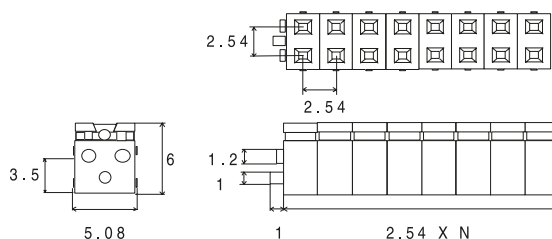
Plating
4 *Tin plating 4 μm over Ni 1.27 μm
7 Selective Gold plating 0.2 μm
over Ni
8 Selective Gold plating 0.4 μm
over Ni
9 Selective Gold plating 0.8 μm
over Ni

INSULATED JUMPERS

SOCKET JUMPERS



(N= Number
of contacts)



Features	Quick and easy handling in strips Highly reliable twin leaf contact Easy insertion: tapered entry
Material	Housing: Black Glass filled polyester UL 94V0 Contact: Phosphor bronze
Electrical	Current rating: 3A maxi Dielectric withstanding: 500 V AC Contact resistance: 20 mΩ max Insulation resistance: 1000 MΩ mini
Mechanical	Temperature rating: -40 °C to 125 °C
Packaging	Plastic tubes or cardboard boxes

Product Code

A	B	C	D	E
313	2769	0xx	4x	x

C

Number of positions from 02 to 10

D

Plating
4 *Tin plating 4 μm over Ni 1.27 μm
7 Selective Gold plating 0.2 μm over
Ni 1.27 μm
9 0.8 μm over Ni 1.27 μm

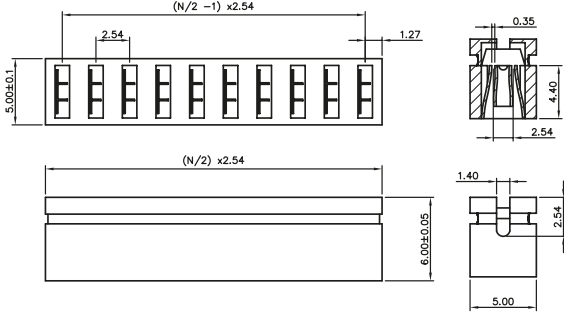
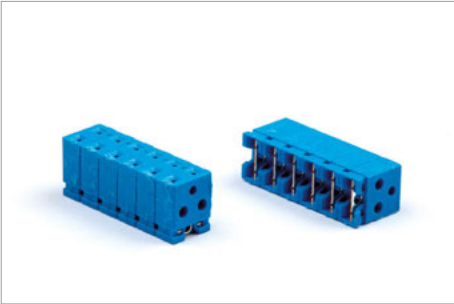
E

Colour
0 Black
2 Red
6 Blue

"Due to technical progress, all design, specification and components are subject to change without notice".

INSULATED JUMPERS

SOCKET JUMPERS



- Material** Insulator:
Black polyester PBT UL 94V0
Contact: Copper alloy
Plating: Gold flash
- Electrical** Current rating: 3A maxi
Dielectric withstanding: 500 V AC
Insulation resistance: 1000 MΩ mini
- Mechanical** Temperature rating:
-40 °C to 105 °C

Product Code			
A	B	C	D
313	9715	0xx	410
C	Number of contacts from 04 to 20 2 to 10 positions		