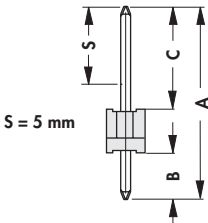
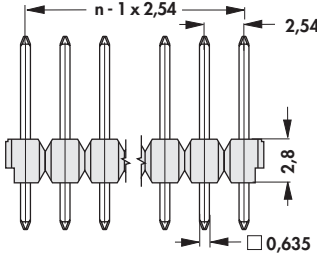
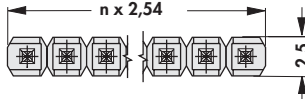
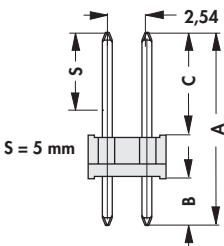
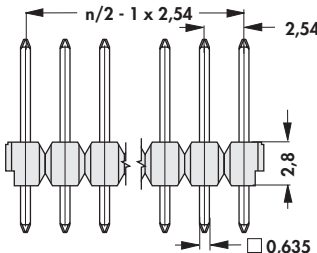
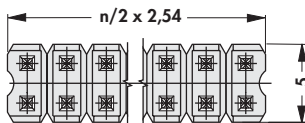


0.635 mm, standard

|                                                                                    |                                                                                    |                     |       |                                                                                     |           |      |                                                                                       |  |  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------|-------|-------------------------------------------------------------------------------------|-----------|------|---------------------------------------------------------------------------------------|--|--|
|   |   |                     |       |   |           |      |    |  |  |
| <b>art. no.</b>                                                                    | dim. [mm]                                                                          |                     |       | <b>art. no.</b>                                                                     | dim. [mm] |      |                                                                                       |  |  |
|                                                                                    | A                                                                                  | B                   | C     |                                                                                     | A         | B    | C                                                                                     |  |  |
| <b>SL 11 112 ...</b>                                                               | 11.20                                                                              | 3.00                | 5.40  | <b>SL 1 025 ...</b>                                                                 | 11.20     | 2.60 | 5.80                                                                                  |  |  |
| <b>SL 11 124 ...</b>                                                               | 12.40                                                                              | 3.00                | 6.60  | <b>SL 1 053 ...</b>                                                                 | 13.90     | 5.80 | 5.30                                                                                  |  |  |
| <b>SL 11 139 ...</b>                                                               | 13.90                                                                              | 3.00                | 8.10  | <b>SL 1 078 ...</b>                                                                 | 16.40     | 5.80 | 7.80                                                                                  |  |  |
| <b>SL 11 164 ...</b>                                                               | 16.40                                                                              | 3.00                | 10.60 | <b>SL 1 104 ...</b>                                                                 | 19.00     | 5.80 | 10.40                                                                                 |  |  |
| <b>SL 11 190 ...</b>                                                               | 19.00                                                                              | 3.00                | 13.20 | <b>SL 1 128 ...</b>                                                                 | 21.40     | 5.80 | 12.80                                                                                 |  |  |
| <b>SL 11 214 ...</b>                                                               | 21.40                                                                              | 3.00                | 15.60 | <b>SL 1 154 ...</b>                                                                 | 24.00     | 5.80 | 15.40                                                                                 |  |  |
| <b>SL 11 240 ...</b>                                                               | 24.00                                                                              | 3.00                | 18.20 | <b>SL 1 179 ...</b>                                                                 | 26.50     | 5.80 | 17.90                                                                                 |  |  |
| <b>SL 11 265 ...</b>                                                               | 26.50                                                                              | 3.00                | 20.70 | <b>SL 1 230 ...</b>                                                                 | 31.60     | 5.80 | 23.00                                                                                 |  |  |
| <b>SL 11 316 ...</b>                                                               | 31.60                                                                              | 3.00                | 25.80 |                                                                                     |           |      |                                                                                       |  |  |
|  |  |                     |       |  |           |      |  |  |  |
| <b>art. no.</b>                                                                    | dim. [mm]                                                                          |                     |       | <b>art. no.</b>                                                                     | dim. [mm] |      |                                                                                       |  |  |
|                                                                                    | A                                                                                  | B                   | C     |                                                                                     | A         | B    | C                                                                                     |  |  |
| <b>SL 22 112 ...</b>                                                               | 11.20                                                                              | 3.00                | 5.40  | <b>SL 2 025 ...</b>                                                                 | 11.20     | 2.60 | 5.80                                                                                  |  |  |
| <b>SL 22 124 ...</b>                                                               | 12.40                                                                              | 3.00                | 6.60  | <b>SL 2 053 ...</b>                                                                 | 13.90     | 5.80 | 5.30                                                                                  |  |  |
| <b>SL 22 139 ...</b>                                                               | 13.90                                                                              | 3.00                | 8.10  | <b>SL 2 078 ...</b>                                                                 | 16.40     | 5.80 | 7.80                                                                                  |  |  |
| <b>SL 22 164 ...</b>                                                               | 16.40                                                                              | 3.00                | 10.60 | <b>SL 2 104 ...</b>                                                                 | 19.00     | 5.80 | 10.40                                                                                 |  |  |
| <b>SL 22 190 ...</b>                                                               | 19.00                                                                              | 3.00                | 13.20 | <b>SL 2 128 ...</b>                                                                 | 21.40     | 5.80 | 12.80                                                                                 |  |  |
| <b>SL 22 214 ...</b>                                                               | 21.40                                                                              | 3.00                | 15.60 | <b>SL 2 154 ...</b>                                                                 | 24.00     | 5.80 | 15.40                                                                                 |  |  |
| <b>SL 22 240 ...</b>                                                               | 24.00                                                                              | 3.00                | 18.20 | <b>SL 2 179 ...</b>                                                                 | 26.50     | 5.80 | 17.90                                                                                 |  |  |
| <b>SL 22 265 ...</b>                                                               | 26.50                                                                              | 3.00                | 20.70 | <b>SL 2 230 ...</b>                                                                 | 31.60     | 5.80 | 23.00                                                                                 |  |  |
| <b>SL 22 316 ...</b>                                                               | 31.60                                                                              | 3.00                | 25.80 |                                                                                     |           |      |                                                                                       |  |  |
| please indicate:                                                                   |                                                                                    |                     |       |                                                                                     |           |      |                                                                                       |  |  |
|                                                                                    |                                                                                    | ... no. of contacts |       | ... surface                                                                         |           |      |                                                                                       |  |  |
|                                                                                    |                                                                                    | one row 1-36        |       | S =selective gold-plated                                                            |           |      |                                                                                       |  |  |
|                                                                                    |                                                                                    | two rows 2-72       |       | G=gold-plated                                                                       |           |      |                                                                                       |  |  |
|                                                                                    |                                                                                    |                     |       | Z =tin-plated                                                                       |           |      |                                                                                       |  |  |

Every pin length is available on request.

A

Male headers soldering technique

B

"dimensions A + B" changeable

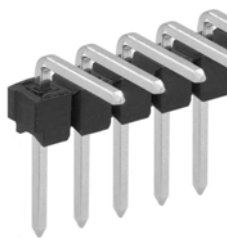
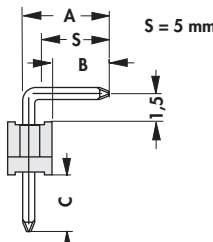
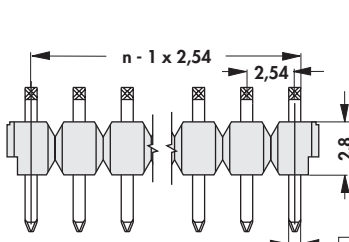
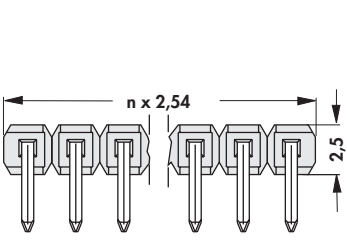
one row, □ 0.635 mm

C

D

E

F

|  |  |           |       |      |              |  |           |  |      |                                     |  |  |  |  |  |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|-------|------|--------------|--|-----------|------------------------------------------------------------------------------------|------|-------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------|--|--|--|--|---------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| art. no.                                                                          |                                                                                   | dim. [mm] |       |      | art. no.     |  | dim. [mm] |                                                                                    |      |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
|                                                                                   |                                                                                   | A         | B     | C    |              |  | A         | B                                                                                  | C    |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
| SLK 3 025 ...                                                                     |                                                                                   | 4.50      | 3.00  | 3.00 | SL 3 131 ... |  | 14.60     | 13.10                                                                              | 5.80 |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
| SL 3 025 ...                                                                      |                                                                                   | 4.50      | 3.00  | 5.80 | SL 3 152 ... |  | 16.70     | 15.20                                                                              | 5.80 |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
| SL 3 053 ...                                                                      |                                                                                   | 6.90      | 5.40  | 5.80 | SL 3 182 ... |  | 19.70     | 18.20                                                                              | 5.80 |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
| SL 3 080 ...                                                                      |                                                                                   | 9.50      | 8.00  | 5.80 | SL 3 207 ... |  | 22.20     | 20.70                                                                              | 5.80 |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
| SL 3 101 ...                                                                      |                                                                                   | 11.60     | 10.10 | 5.80 |              |  |           |                                                                                    |      |                                     |  |  |  |  |                                                                                     |  |  |  |  |                                                                           |  |  |  |  |  |  |  |  |  |
| please indicate:                                                                  |                                                                                   |           |       |      |              |  |           |                                                                                    |      | ... no. of contacts<br>one row 1-36 |  |  |  |  |                                                                                     |  |  |  |  | ... surface<br>S =selective gold-plated<br>G=gold-plated<br>Z =tin-plated |  |  |  |  |  |  |  |  |  |

The surface of dimension "C" of following articles is selective gold-plated: SLK 3 025 ... S, SL 3 025 ... S.

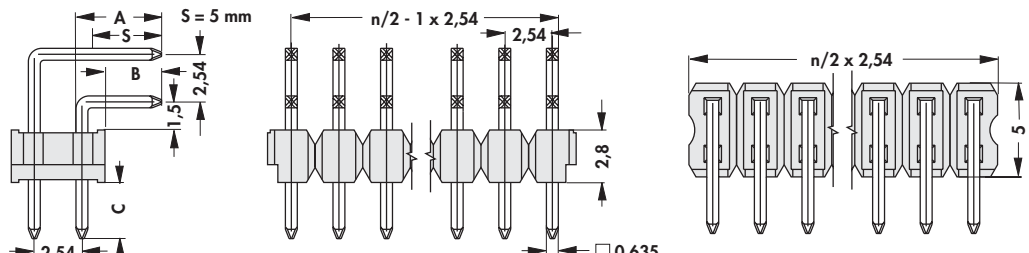
G

two rows, □ 0.635 mm

H

I

K

|                                                                                     |                                                                                      |      |      |                                 |           |       |      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|------|---------------------------------|-----------|-------|------|
|  |  |      |      |                                 |           |       |      |
| <b>art. no.</b>                                                                     | dim. [mm]                                                                            |      |      | <b>art. no.</b>                 | dim. [mm] |       |      |
|                                                                                     | A                                                                                    | B    | C    |                                 | A         | B     | C    |
| <b>SLK 4 025 ...</b>                                                                | 4.50                                                                                 | 3.00 | 3.00 | <b>SL 4 101 ...</b>             | 11.60     | 10.10 | 5.80 |
| <b>SL 4 025 ...</b>                                                                 | 4.50                                                                                 | 3.00 | 5.80 | <b>SL 4 152 ...</b>             | 16.70     | 15.20 | 5.80 |
| <b>please indicate:</b>                                                             |                                                                                      |      |      |                                 |           |       |      |
| <b>... no. of contacts</b>                                                          |                                                                                      |      |      | <b>... surface</b>              |           |       |      |
| <b>two rows 2-72</b>                                                                |                                                                                      |      |      | <b>S =selective gold-plated</b> |           |       |      |
|                                                                                     |                                                                                      |      |      | <b>G=gold-plated</b>            |           |       |      |
|                                                                                     |                                                                                      |      |      | <b>Z =tin-plated</b>            |           |       |      |

The surface of dimension "C" of following articles is selective gold-plated: SLK 4 025 ... S, SL 4 025 ... S.

L

V-notches permit breaking! Therefore any required number of contacts is available.  
Every pin length is available on request.

M

N

G 3

|                                     |            |                                    |             |
|-------------------------------------|------------|------------------------------------|-------------|
| IDC-connectors                      | → H 1 - 14 | Special male & female headers      | → G 18      |
| Female headers 2.54 solder          | → G        | High-prec. fem. headers 2.54 sold. | → G -       |
| Female headers 2.54 SMD             | → G -      | Bar magazine                       | → G 13 - 14 |
| Fem. head. 2.54 solder, put through | → G        | Technical data                     | → G 73 - 76 |

Insertion side "dimension C" changeable

one row, □ 0.635 mm

|                  |                                     |                                                                               |  |
|------------------|-------------------------------------|-------------------------------------------------------------------------------|--|
|                  |                                     |                                                                               |  |
| art. no.         | dim. [mm]<br>C                      |                                                                               |  |
| SL 18 042 ...    | 4.20                                |                                                                               |  |
| SL 18 082 ...    | 8.20                                |                                                                               |  |
| SL 18 108 ...    | 10.80                               |                                                                               |  |
| SL 18 132 ...    | 13.20                               |                                                                               |  |
| SL 18 159 ...    | 15.90                               |                                                                               |  |
| please indicate: | ... no. of contacts<br>one row 1-36 | ... surface<br>S = selective gold-plated<br>G = gold-plated<br>Z = tin-plated |  |

two rows, □ 0.635 mm

|                  |                                      |                                                                               |  |
|------------------|--------------------------------------|-------------------------------------------------------------------------------|--|
|                  |                                      |                                                                               |  |
| art. no.         | dim. [mm]<br>C                       |                                                                               |  |
| SL 19 082 ...    | 8.20                                 |                                                                               |  |
| SL 19 108 ...    | 10.80                                |                                                                               |  |
| SL 19 132 ...    | 13.20                                |                                                                               |  |
| SL 19 159 ...    | 15.90                                |                                                                               |  |
| please indicate: | ... no. of contacts<br>two rows 2-72 | ... surface<br>S = selective gold-plated<br>G = gold-plated<br>Z = tin-plated |  |

V-notches permit breaking! Therefore any required number of contacts is available.  
Every pin length is available on request.

A

## Male headers soldering technique

B

### Low profile, straight

one row, □ 0.635 mm

C

|                         |           | S = 3 mm/5 mm                                     |      |                        |                                                                                                           |      |       |
|-------------------------|-----------|---------------------------------------------------|------|------------------------|-----------------------------------------------------------------------------------------------------------|------|-------|
| art. no.                | dim. [mm] |                                                   |      | art. no.               | dim. [mm]                                                                                                 |      |       |
|                         | A         | B                                                 | C    |                        | A                                                                                                         | B    | C     |
| <b>SL LP 1 082 ...</b>  | 8.20      | 3.00                                              | 3.50 | <b>SL LP 1 139 ...</b> | 13.90                                                                                                     | 3.00 | 9.20  |
| <b>SL LP 1 097 ...</b>  | 9.70      | 3.00                                              | 5.00 | <b>SL LP 1 164 ...</b> | 16.40                                                                                                     | 3.00 | 11.70 |
| <b>SL LP 1 112 ...</b>  | 11.20     | 3.00                                              | 6.50 | <b>SL LP 1 190 ...</b> | 19.00                                                                                                     | 3.00 | 14.30 |
| <b>please indicate:</b> |           | <b>... no. of contacts</b><br><b>one row 1-36</b> |      |                        | <b>... surface</b><br><b>S = selective gold-plated</b><br><b>G = gold-plated</b><br><b>Z = tin-plated</b> |      |       |

D

E

F

two rows, □ 0.635 mm

G

|                         |           | S = 3 mm/5 mm                                      |      |                        |                                                                                                           |      |       |
|-------------------------|-----------|----------------------------------------------------|------|------------------------|-----------------------------------------------------------------------------------------------------------|------|-------|
| art. no.                | dim. [mm] |                                                    |      | art. no.               | dim. [mm]                                                                                                 |      |       |
|                         | A         | B                                                  | C    |                        | A                                                                                                         | B    | C     |
| <b>SL LP 2 082 ...</b>  | 8.20      | 3.00                                               | 3.50 | <b>SL LP 2 139 ...</b> | 13.90                                                                                                     | 3.00 | 9.20  |
| <b>SL LP 2 097 ...</b>  | 9.70      | 3.00                                               | 5.00 | <b>SL LP 2 164 ...</b> | 16.40                                                                                                     | 3.00 | 11.70 |
| <b>SL LP 2 112 ...</b>  | 11.20     | 3.00                                               | 6.50 | <b>SL LP 2 190 ...</b> | 19.00                                                                                                     | 3.00 | 14.30 |
| <b>please indicate:</b> |           | <b>... no. of contacts</b><br><b>two rows 2-72</b> |      |                        | <b>... surface</b><br><b>S = selective gold-plated</b><br><b>G = gold-plated</b><br><b>Z = tin-plated</b> |      |       |

H

I

K

Every pin length is available on request.

L

M

N

**G 5**

IDC-connectors

Female headers 2.54 SMD

Female headers 2.54 solder

Fem. head. 2.54 solder, put through

→ H 1 - 14

→ G -

→ G

→ G

Jumpers

Special male &amp; female headers

High-prec. fem. headers 2.54 sold.

Technical data

→ G -

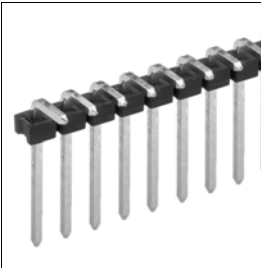
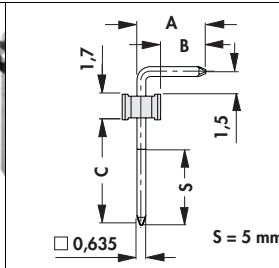
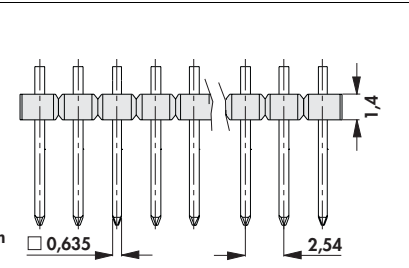
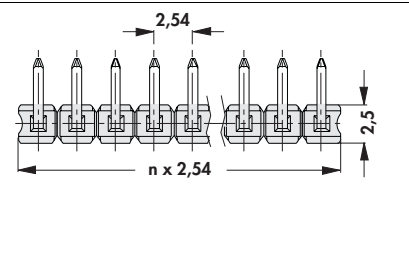
→ G 19

→ G -

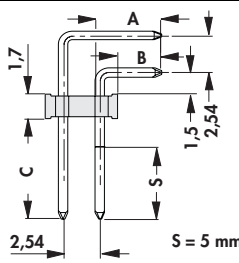
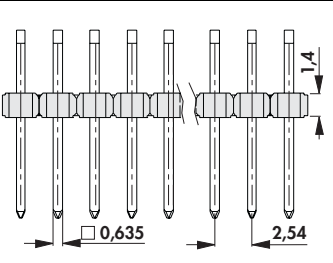
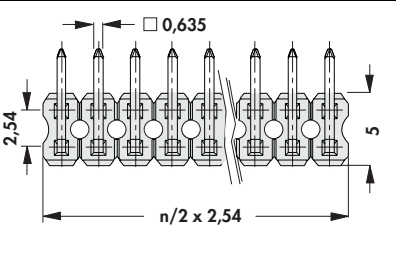
→ G 72 - 76

Low profile, angled

one row, □ 0.635 mm

|                                                                                                                    |                                                                                   |      |      |                                                                                    |           |      |                                                                                     |  |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------------------------------------------------------------------------------------|-----------|------|-------------------------------------------------------------------------------------|--|--|
|                                   |  |      |      |  |           |      |  |  |  |
| art. no.                                                                                                           | dim. [mm]                                                                         |      |      | art. no.                                                                           | dim. [mm] |      |                                                                                     |  |  |
|                                                                                                                    | A                                                                                 | B    | C    |                                                                                    | A         | B    | C                                                                                   |  |  |
| SL LP 3 041 ...                                                                                                    | 4.50                                                                              | 3.00 | 4.10 | SL LP 3 093 ...                                                                    | 4.50      | 3.00 | 9.30                                                                                |  |  |
| SL LP 3 069 ...                                                                                                    | 4.50                                                                              | 3.00 | 6.90 |                                                                                    |           |      |                                                                                     |  |  |
| please indicate: ... no. of contacts one row 1-36 ... surface S =selective gold-plated G=gold-plated Z =tin-plated |                                                                                   |      |      |                                                                                    |           |      |                                                                                     |  |  |

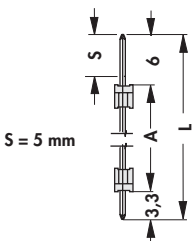
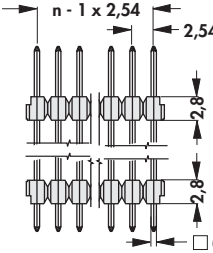
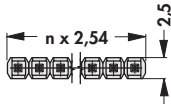
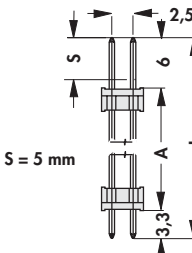
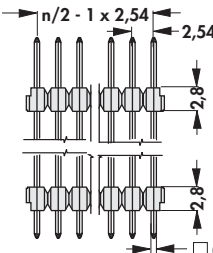
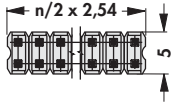
two rows, □ 0.635 mm

|                                                                                     |                                                                                     |      |      |                                                                                      |           |      |                                                                                       |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|--------------------------------------------------------------------------------------|-----------|------|---------------------------------------------------------------------------------------|--|--|
|  |  |      |      |  |           |      |  |  |  |
| <b>art. no.</b>                                                                     | dim. [mm]                                                                           |      |      | <b>art. no.</b>                                                                      | dim. [mm] |      |                                                                                       |  |  |
|                                                                                     | A                                                                                   | B    | C    |                                                                                      | A         | B    | C                                                                                     |  |  |
| <b>SL LP 4 041 ...</b>                                                              | 4.50                                                                                | 3.00 | 4.10 | <b>SL LP 4 093 ...</b>                                                               | 4.50      | 3.00 | 9.30                                                                                  |  |  |
| <b>SL LP 4 069 ...</b>                                                              | 4.50                                                                                | 3.00 | 6.90 |                                                                                      |           |      |                                                                                       |  |  |
| please indicate:                                                                    |                                                                                     |      |      |                                                                                      |           |      |                                                                                       |  |  |
| ... no. of contacts<br>two rows 2-72                                                |                                                                                     |      |      | ... surface<br>S =selective gold-plated<br>G=gold-plated<br>Z =tin-plated            |           |      |                                                                                       |  |  |

Every pin length is available on request.

## Male headers soldering technique

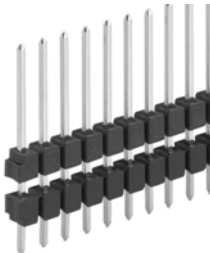
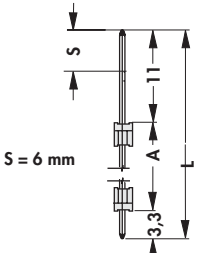
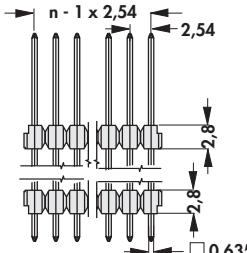
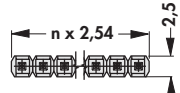
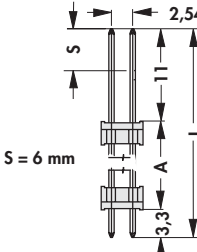
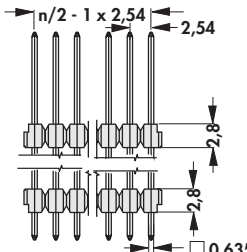
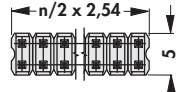
## □ 0.635 mm, Sandwich

|                                                                                                     |           |       |                     |           |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|-------|
| art. no.                                                                                                                                                                             | dim. [mm] |                                                                                                                                                                                                                                                             | art. no.            | dim. [mm] |       |
|                                                                                                                                                                                      | A         | L                                                                                                                                                                                                                                                           |                     | A         | L     |
| <b>SL 5 071 ...</b>                                                                                                                                                                  | 7.10      | 16.40                                                                                                                                                                                                                                                       | <b>SL 5 223 ...</b> | 22.30     | 31.60 |
| <b>SL 5 097 ...</b>                                                                                                                                                                  | 9.70      | 19.00                                                                                                                                                                                                                                                       | <b>SL 5 237 ...</b> | 23.70     | 33.00 |
| <b>SL 5 121 ...</b>                                                                                                                                                                  | 12.10     | 21.40                                                                                                                                                                                                                                                       | <b>SL 5 285 ...</b> | 28.50     | 37.80 |
| <b>SL 5 147 ...</b>                                                                                                                                                                  | 14.70     | 24.00                                                                                                                                                                                                                                                       | <b>SL 5 315 ...</b> | 31.50     | 40.80 |
| <b>SL 5 156 ...</b>                                                                                                                                                                  | 15.60     | 24.90                                                                                                                                                                                                                                                       | <b>SL 5 360 ...</b> | 36.00     | 45.30 |
| <b>SL 5 172 ...</b>                                                                                                                                                                  | 17.20     | 26.50                                                                                                                                                                                                                                                       | <b>SL 5 415 ...</b> | 41.50     | 50.80 |
| <b>SL 5 197 ...</b>                                                                                                                                                                  | 19.70     | 29.00                                                                                                                                                                                                                                                       | <b>SL 5 525 ...</b> | 52.20     | 61.50 |
|                                                                                                    |           |    |                     |           |       |
| art. no.                                                                                                                                                                             | dim. [mm] |                                                                                                                                                                                                                                                             | art. no.            | dim. [mm] |       |
|                                                                                                                                                                                      | A         | L                                                                                                                                                                                                                                                           |                     | A         | L     |
| <b>SL 6 071 ...</b>                                                                                                                                                                  | 7.10      | 16.40                                                                                                                                                                                                                                                       | <b>SL 6 223 ...</b> | 22.30     | 31.60 |
| <b>SL 6 097 ...</b>                                                                                                                                                                  | 9.70      | 19.00                                                                                                                                                                                                                                                       | <b>SL 6 237 ...</b> | 23.70     | 33.00 |
| <b>SL 6 121 ...</b>                                                                                                                                                                  | 12.10     | 21.40                                                                                                                                                                                                                                                       | <b>SL 6 285 ...</b> | 28.50     | 37.80 |
| <b>SL 6 147 ...</b>                                                                                                                                                                  | 14.70     | 24.00                                                                                                                                                                                                                                                       | <b>SL 6 315 ...</b> | 31.50     | 40.80 |
| <b>SL 6 156 ...</b>                                                                                                                                                                  | 15.60     | 24.90                                                                                                                                                                                                                                                       | <b>SL 6 360 ...</b> | 36.00     | 45.30 |
| <b>SL 6 172 ...</b>                                                                                                                                                                  | 17.20     | 26.50                                                                                                                                                                                                                                                       | <b>SL 6 415 ...</b> | 41.50     | 50.80 |
| <b>SL 6 197 ...</b>                                                                                                                                                                  | 19.70     | 29.00                                                                                                                                                                                                                                                       | <b>SL 6 525 ...</b> | 52.20     | 61.50 |
| <p><b>please indicate:</b></p> <p>... no. of contacts<br/>one row 1-36<br/>two rows 2-72</p> <p>... surface<br/>S = selective gold-plated<br/>G = gold-plated<br/>Z = tin-plated</p> |           |                                                                                                                                                                                                                                                             |                     |           |       |

## "S" selective gold-plated to 33.0 mm pin length

For interconnections of stacked PCBs. Within the total length the insulator position can be changed as required. ... Design specification. V-notches permit breaking! Therefore any required number of contacts is available.

0,635 mm, Sandwich

|                                                                                    |                                                                                    |                          |                                                                                     |           |                                                                                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|
|   |   |                          |   |           |  |
| art. no.                                                                           | dim. [mm]                                                                          |                          | art. no.                                                                            | dim. [mm] |                                                                                     |
|                                                                                    | A                                                                                  | L                        |                                                                                     | A         | L                                                                                   |
| SL 13 071 ...                                                                      | 7.10                                                                               | 21.40                    | SL 13 235 ...                                                                       | 23.50     | 37.80                                                                               |
| SL 13 097 ...                                                                      | 9.70                                                                               | 24.00                    | SL 13 265 ...                                                                       | 26.50     | 40.80                                                                               |
| SL 13 122 ...                                                                      | 12.20                                                                              | 26.50                    | SL 13 310 ...                                                                       | 31.00     | 45.30                                                                               |
| SL 13 147 ...                                                                      | 14.70                                                                              | 29.00                    | SL 13 365 ...                                                                       | 36.50     | 50.80                                                                               |
| SL 13 187 ...                                                                      | 18.70                                                                              | 33.00                    |                                                                                     |           |                                                                                     |
|  |  |                          |  |           |  |
| art. no.                                                                           | dim. [mm]                                                                          |                          | art. no.                                                                            | dim. [mm] |                                                                                     |
|                                                                                    | A                                                                                  | L                        |                                                                                     | A         | L                                                                                   |
| SL 14 071 ...                                                                      | 7.10                                                                               | 21.40                    | SL 14 235 ...                                                                       | 23.50     | 37.80                                                                               |
| SL 14 097 ...                                                                      | 9.70                                                                               | 24.00                    | SL 14 265 ...                                                                       | 26.50     | 40.80                                                                               |
| SL 14 122 ...                                                                      | 12.20                                                                              | 26.50                    | SL 14 310 ...                                                                       | 31.00     | 45.30                                                                               |
| SL 14 147 ...                                                                      | 14.70                                                                              | 29.00                    | SL 14 365 ...                                                                       | 36.50     | 50.80                                                                               |
| SL 14 187 ...                                                                      | 18.70                                                                              | 33.00                    |                                                                                     |           |                                                                                     |
| please indicate:                                                                   |                                                                                    |                          |                                                                                     |           |                                                                                     |
| ... no. of contacts                                                                |                                                                                    | ... surface              |                                                                                     |           |                                                                                     |
| one row 1-36                                                                       |                                                                                    | S =selective gold-plated |                                                                                     |           |                                                                                     |
| two rows 2-72                                                                      |                                                                                    | G=gold-plated            |                                                                                     |           |                                                                                     |
|                                                                                    |                                                                                    | Z =tin-plated            |                                                                                     |           |                                                                                     |

"S" selective gold-plated to 33.0 mm pin length

For interconnections of stacked PCBs. The male headers SL 13 and SL 14 are used to connect BL 11 (SL 13 ...) and BL 12 (SL 14 ...). Suitable for PCBs 1.5 mm - 3.0 mm thick.  
V-notches permit breaking! Therefore any required number of contacts is available. Every pin length is available on request.

Female headers 2.54 solder → G  
Fem. head. 2.54 solder, put through → G  
Female headers 2.54 SMD → G -  
IDC-connectors → H 1 - 14

Jumpers → G -  
Special male & female headers → G 19  
High-prec. fem. headers 2.54 sold. → G -  
Technical data → G 72 - 76

A



Male headers soldering technique

B

Empty page

C

D

E

F

G

H

I

K

L

M

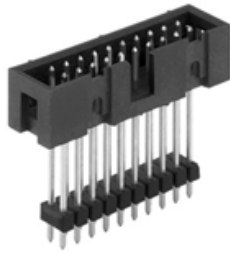
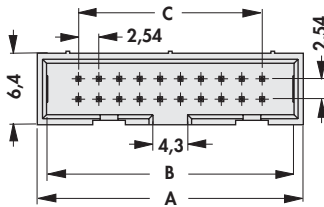
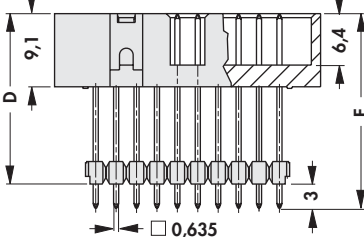
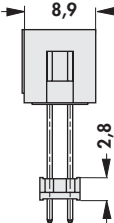
N



Male headers soldering technique

Shroud male header, with coding, boltable

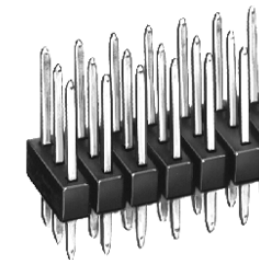
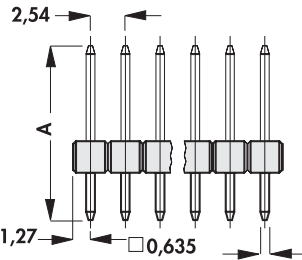
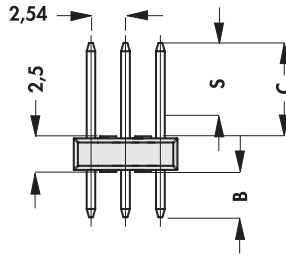
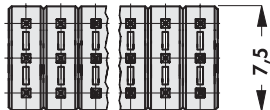
suitable for many flat cable connectors in 2.54 mm pitch

|                                                                                   |                                                                                   |                          |       |                |                                                                                    |  |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------|-------|----------------|------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
|  |  |                          |       |                |  |  |  |
| art. no.                                                                          | no. of contacts                                                                   | dim. [mm]                |       |                |                                                                                    |  |                                                                                     |
|                                                                                   |                                                                                   | A                        | B     | C              |                                                                                    |  |                                                                                     |
| SLU 10 ...                                                                        | 10                                                                                | 20.40                    | 17.80 | 10.16          |                                                                                    |  |                                                                                     |
| SLU 16 ...                                                                        | 16                                                                                | 28.00                    | 25.40 | 17.78          |                                                                                    |  |                                                                                     |
| SLU 20 ...                                                                        | 20                                                                                | 33.10                    | 30.50 | 22.86          |                                                                                    |  |                                                                                     |
| SLU 26 ...                                                                        | 26                                                                                | 40.70                    | 38.10 | 30.48          |                                                                                    |  |                                                                                     |
| SLU 40 ...                                                                        | 40                                                                                | 58.50                    | 55.90 | 48.26          |                                                                                    |  |                                                                                     |
| SLU 50 ...                                                                        | 50                                                                                | 71.20                    | 68.60 | 60.96          |                                                                                    |  |                                                                                     |
| please indicate:                                                                  |                                                                                   | ... surface              |       | ... height "E" |                                                                                    |  |                                                                                     |
|                                                                                   |                                                                                   | S =selective gold-plated |       | 165            |                                                                                    |  |                                                                                     |
|                                                                                   |                                                                                   | Z =tin-plated            |       | 191            |                                                                                    |  |                                                                                     |
|                                                                                   |                                                                                   |                          |       | 241            |                                                                                    |  |                                                                                     |
|                                                                                   |                                                                                   |                          |       | 266            |                                                                                    |  |                                                                                     |
| height "E"                                                                        |                                                                                   | dim. [mm]                |       |                |                                                                                    |  |                                                                                     |
|                                                                                   |                                                                                   | D                        |       |                | E (max.)                                                                           |  |                                                                                     |
| 165                                                                               |                                                                                   | 13.50                    |       |                | 16.50                                                                              |  |                                                                                     |
| 191                                                                               |                                                                                   | 16.10                    |       |                | 19.10                                                                              |  |                                                                                     |
| 241                                                                               |                                                                                   | 21.10                    |       |                | 24.10                                                                              |  |                                                                                     |
| 266                                                                               |                                                                                   | 23.60                    |       |                | 26.60                                                                              |  |                                                                                     |

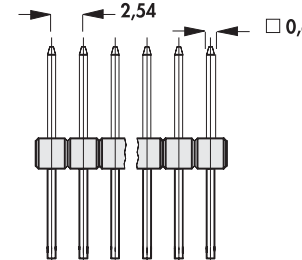
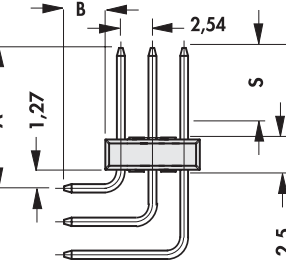
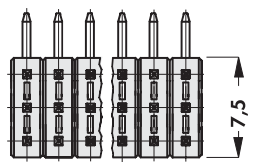
Male headers soldering technique

Three rows, 0.635 mm - standard

straight

|     |           |                                         |      |                                              |           |      |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------|------|----------------------------------------------|-----------|------|------|
| art. no.                                                                                                                                                                                                                                                                                                                                   | dim. [mm] |                                         |      | art. no.                                     | dim. [mm] |      |      |
|                                                                                                                                                                                                                                                                                                                                            | A         | B                                       | C    |                                              | A         | B    | C    |
| SL KG 3 113 ...                                                                                                                                                                                                                                                                                                                            | 11.30     | 3.30                                    | 5.50 | SL KG 3 147 ...                              | 14.70     | 3.30 | 8.90 |
| SL KG 3 126 ...                                                                                                                                                                                                                                                                                                                            | 12.60     | 3.30                                    | 6.80 |                                              |           |      |      |
| please indicate:                                                                                                                                                                                                                                                                                                                           |           | ... no. of contacts<br>three rows 3-150 |      | ... surface<br>G=gold-plated<br>Z=tin-plated |           |      |      |

angled

|     |           |                                         |      |                                              |           |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------|------|----------------------------------------------|-----------|------|------|
| art. no.                                                                                                                                                                                                                                                                                                                                        | dim. [mm] |                                         |      | art. no.                                     | dim. [mm] |      |      |
|                                                                                                                                                                                                                                                                                                                                                 | A         | B                                       | C    |                                              | A         | B    | C    |
| SL KA 3 072 ...                                                                                                                                                                                                                                                                                                                                 | 7.20      | 3.30                                    | 3.40 | SL KA 3 108 ...                              | 10.80     | 3.30 | 7.00 |
| SL KA 3 085 ...                                                                                                                                                                                                                                                                                                                                 | 8.50      | 3.30                                    | 4.70 |                                              |           |      |      |
| please indicate:                                                                                                                                                                                                                                                                                                                                |           | ... no. of contacts<br>three rows 3-150 |      | ... surface<br>G=gold-plated<br>Z=tin-plated |           |      |      |

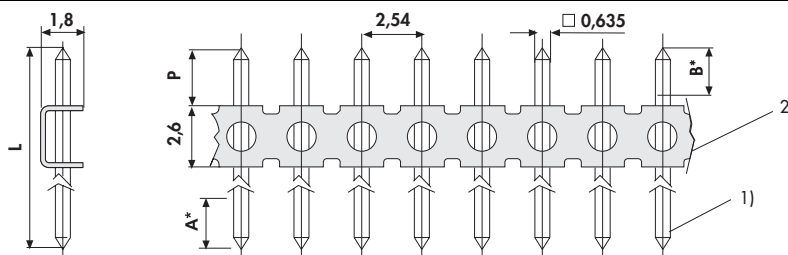
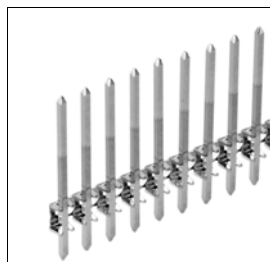


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## Male headers soldering technique

**On tape, reel direction after plating, tape opening inwards!**

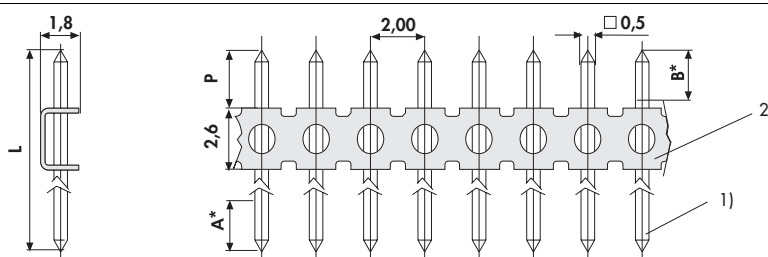
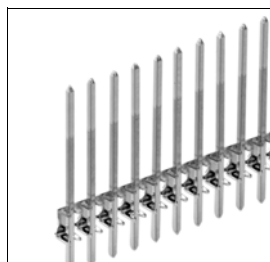
□ 0.635 mm, **grid spacing: 2.54 mm**



| art. no.                | dim. [mm]                                                    |      |       |      | art. no.                                                  | dim. [mm]                                                                           |      |       |       |
|-------------------------|--------------------------------------------------------------|------|-------|------|-----------------------------------------------------------|-------------------------------------------------------------------------------------|------|-------|-------|
|                         | A                                                            | B    | L     | P    |                                                           | A                                                                                   | B    | L     | P     |
| <b>KSL 254 082 ...</b>  | 3.00                                                         | 3.50 | 8.20  | 2.10 | <b>KSL 254 249 ...</b>                                    | 6.00                                                                                | 5.00 | 24.90 | 9.00  |
| <b>KSL 254 097 ...</b>  | 4.50                                                         | 3.50 | 9.70  | 2.10 | <b>KSL 254 265 ...</b>                                    | 6.00                                                                                | 5.00 | 26.50 | 9.00  |
| <b>KSL 254 112 ...</b>  | 5.00                                                         | 4.00 | 11.20 | 3.10 | <b>KSL 254 290 ...</b>                                    | 6.00                                                                                | 5.00 | 29.00 | 13.00 |
| <b>KSL 254 124 ...</b>  | 5.00                                                         | 4.00 | 12.40 | 3.10 | <b>KSL 254 316 ...</b>                                    | 6.00                                                                                | 5.00 | 31.60 | 13.00 |
| <b>KSL 254 139 ...</b>  | 5.00                                                         | 4.00 | 13.90 | 3.10 | <b>KSL 254 330 ...</b>                                    | 6.00                                                                                | 5.00 | 33.00 | 13.00 |
| <b>KSL 254 164 ...</b>  | 5.00                                                         | 4.00 | 16.40 | 6.00 | <b>KSL 254 378 ...</b>                                    | 6.00                                                                                | 5.00 | 37.80 | 13.00 |
| <b>KSL 254 190 ...</b>  | 5.00                                                         | 4.00 | 19.00 | 6.00 | <b>KSL 254 408 ...</b>                                    | 6.00                                                                                | 5.00 | 40.80 | 18.00 |
| <b>KSL 254 214 ...</b>  | 6.00                                                         | 5.00 | 21.40 | 9.00 | <b>KSL 254 453 ...</b>                                    | 6.00                                                                                | 5.00 | 45.30 | 18.00 |
| <b>KSL 254 240 ...</b>  | 6.00                                                         | 5.00 | 24.00 | 9.00 | <b>KSL 254 508 ...</b>                                    | 6.00                                                                                | 5.00 | 50.80 | 18.00 |
| <b>please indicate:</b> | <b>... number of contacts per<br/>tape section<br/>2-100</b> |      |       |      | <b>... number of contacts per<br/>reel<br/>500-50,000</b> | <b>... surface<br/>S =selective gold-plated<br/>G=gold-plated<br/>Z =tin-plated</b> |      |       |       |

**"S" selective gold-plated to 33.0 mm pin length**

☐ 0.5 mm, **grid spacing: 2.00 mm**



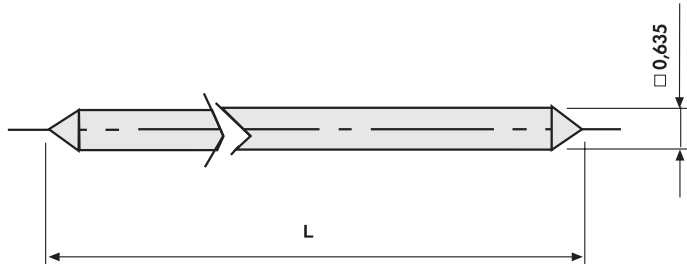
| art. no.                | dim. [mm]                                                    |      |       |      | art. no.                                                  | dim. [mm]                                                                           |      |       |      |
|-------------------------|--------------------------------------------------------------|------|-------|------|-----------------------------------------------------------|-------------------------------------------------------------------------------------|------|-------|------|
|                         | A                                                            | B    | L     | P    |                                                           | A                                                                                   | B    | L     | P    |
| <b>KSLY 200 081 ...</b> | 3.00                                                         | 3.50 | 8.10  | 2.10 | <b>KSLY 200 139 ...</b>                                   | 3.50                                                                                | 4.00 | 13.90 | 3.10 |
| <b>KSLY 200 085 ...</b> | 3.50                                                         | 3.50 | 8.50  | 2.10 | <b>KSLY 200 145 ...</b>                                   | 3.50                                                                                | 4.00 | 14.50 | 5.00 |
| <b>KSLY 200 098 ...</b> | 3.50                                                         | 4.00 | 9.80  | 2.10 | <b>KSLY 200 165 ...</b>                                   | 3.50                                                                                | 4.00 | 16.50 | 5.00 |
| <b>KSLY 200 104 ...</b> | 3.50                                                         | 4.00 | 10.40 | 3.10 | <b>KSLY 200 186 ...</b>                                   | 3.50                                                                                | 4.00 | 18.60 | 5.00 |
| <b>please indicate:</b> | <b>... number of contacts per<br/>tape section<br/>2-100</b> |      |       |      | <b>... number of contacts per<br/>reel<br/>500-60,000</b> | <b>... surface<br/>S =selective gold-plated<br/>G=gold-plated<br/>Z =tin-plated</b> |      |       |      |

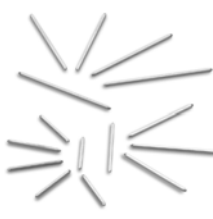
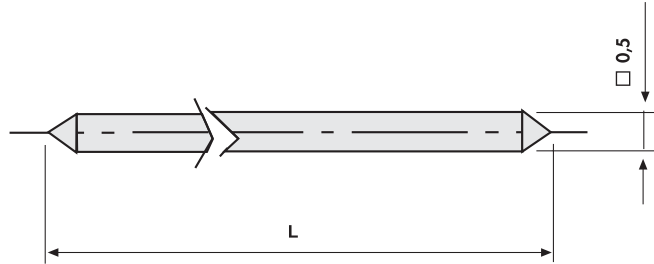
**1) contact:** CuSn6; **2) tape:** CuZn37

**dimension for selective gold-plated:** **A\***: gold range; **B\***: tin range; **P**: tape position

Bulk goods

□ 0.5-0.635 mm

|                                                                                   |                                                                                    |             |                |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------|----------------|
|  |  |             |                |
| art. no.                                                                          | dim. [mm]<br>L                                                                     | art. no.    | dim. [mm]<br>L |
| KSL 082 ...                                                                       | 8.20                                                                               | KSL 265 ... | 26.50          |
| KSL 097 ...                                                                       | 9.70                                                                               | KSL 290 ... | 29.00          |
| KSL 112 ...                                                                       | 11.20                                                                              | KSL 316 ... | 31.60          |
| KSL 124 ...                                                                       | 12.40                                                                              | KSL 330 ... | 33.00          |
| KSL 139 ...                                                                       | 13.90                                                                              | KSL 378 ... | 37.80          |
| KSL 164 ...                                                                       | 16.40                                                                              | KSL 408 ... | 40.80          |
| KSL 190 ...                                                                       | 19.00                                                                              | KSL 453 ... | 45.30          |
| KSL 214 ...                                                                       | 21.40                                                                              | KSL 508 ... | 50.80          |
| KSL 240 ...                                                                       | 24.00                                                                              | KSL 615 ... | 61.50          |
| please indicate: ... surface<br>G=gold-plated<br>Z = tin-plated                   |                                                                                    |             |                |

|                                                                                     |                                                                                      |              |                |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|----------------|
|  |  |              |                |
| art. no.                                                                            | dim. [mm]<br>L                                                                       | art. no.     | dim. [mm]<br>L |
| KSLY 081 ...                                                                        | 8.10                                                                                 | KSLY 139 ... | 13.90          |
| KSLY 085 ...                                                                        | 8.50                                                                                 | KSLY 145 ... | 14.50          |
| KSLY 098 ...                                                                        | 9.80                                                                                 | KSLY 165 ... | 16.50          |
| KSLY 104 ...                                                                        | 10.40                                                                                | KSLY 186 ... | 18.60          |
| please indicate: ... surface<br>G=gold-plated<br>Z = tin-plated                     |                                                                                      |              |                |

tin-plated "Z" 1,3-3 µm Ni / 4-6 µm Sn  
gold-plated "G" 1.3 µm Ni / min. 0.2 µm Au

Other finishes on request.

contact:

CuSn6

Male headers 2.54 solder  
Single contacts metal strip  
Jumpers  
Jump. links 2.00 & 2.54 solder

→ G 2  
→ G  
→ G -  
→ G

High-prec. fem. headers 1.27 solder → G  
Single precision contacts → F -  
Bar magazine → G 13 - 14  
Male headers 2.00 solder → G 15 - 17

A

**Male headers soldering technique**
☐ **0.5 mm, straight**

|                                                                                                                                                                                                                                                                                           |                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                           |                                                                                 |
| <b>art. no.</b>                                                                                                                                                                                                                                                                           | <div>dim. [mm]</div> <div>A                      B                      C</div> |
| <b>SLY 1 081 ...</b>                                                                                                                                                                                                                                                                      | <div>8.10                      3.00                      3.60</div>             |
| <b>SLY 1 085 ...</b>                                                                                                                                                                                                                                                                      | <div>8.50                      3.00                      4.00</div>             |
| <b>SLY 1 098 ...</b>                                                                                                                                                                                                                                                                      | <div>9.80                      3.00                      5.30</div>             |
| <b>SLY 1 104 ...</b>                                                                                                                                                                                                                                                                      | <div>10.40                      3.00                      5.90</div>            |
| <b>SLY 1 139 ...</b>                                                                                                                                                                                                                                                                      | <div>13.90                      3.00                      9.40</div>            |
| <div> <div>please indicate:</div> <div> <div>... no. of contacts</div> <div>one row 1 - 50</div> </div> <div> <div>... surface</div> <div> <div>S = selective gold-plated</div> <div>G = gold-plated</div> <div>Z = tin-plated</div> </div> </div> </div> <div data-kind="ghost"></div>   |                                                                                 |
|                                                                                                                                                                                                                                                                                           |                                                                                 |
| <b>art. no.</b>                                                                                                                                                                                                                                                                           | <div>dim. [mm]</div> <div>A                      B                      C</div> |
| <b>SLY 2 081 ...</b>                                                                                                                                                                                                                                                                      | <div>8.10                      3.00                      3.60</div>             |
| <b>SLY 2 085 ...</b>                                                                                                                                                                                                                                                                      | <div>8.50                      3.00                      4.00</div>             |
| <b>SLY 2 098 ...</b>                                                                                                                                                                                                                                                                      | <div>9.80                      3.00                      5.30</div>             |
| <b>SLY 2 104 ...</b>                                                                                                                                                                                                                                                                      | <div>10.40                      3.00                      5.90</div>            |
| <b>SLY 2 139 ...</b>                                                                                                                                                                                                                                                                      | <div>13.90                      3.00                      9.40</div>            |
| <div> <div>please indicate:</div> <div> <div>... no. of contacts</div> <div>two rows 4 - 100</div> </div> <div> <div>... surface</div> <div> <div>S = selective gold-plated</div> <div>G = gold-plated</div> <div>Z = tin-plated</div> </div> </div> </div> <div data-kind="ghost"></div> |                                                                                 |

K

L

M

N

**G 15**

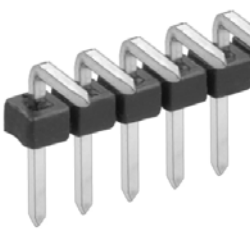
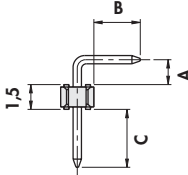
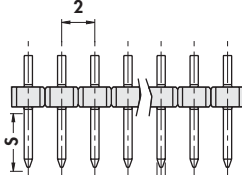
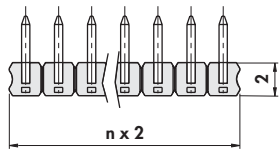
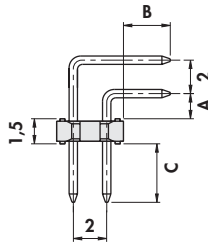
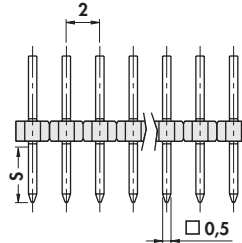
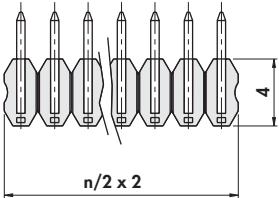
Female headers 2.00 solder  
 Female headers 2.00 SMD  
 Jumpers  
 Technical data

→ G  
 → G  
 → G -  
 → G 72 - 76

Male headers 1.27 solder  
 Male headers 2.00 solder  
 Male headers 2.54 solder

→ G 18 - 19  
 → G 15 - 17  
 → G 2

□ 0.5 mm, angled

|                                                                                    |                                                                                                                                                                                                                                                                                            |      |      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|
|   |    <p>S = 3,5 mm</p> <p>□ 0,5</p>    |      |      |
| art. no.                                                                           | dim. [mm]                                                                                                                                                                                                                                                                                  |      |      |
|                                                                                    | A                                                                                                                                                                                                                                                                                          | B    | C    |
| SLY 3 035 ...                                                                      | 1.50                                                                                                                                                                                                                                                                                       | 2.80 | 3.50 |
| SLY 3 041 ...                                                                      | 1.50                                                                                                                                                                                                                                                                                       | 2.80 | 4.10 |
| SLY 3 082 ...                                                                      | 1.50                                                                                                                                                                                                                                                                                       | 2.80 | 8.20 |
| please indicate:                                                                   | ... no. of contacts<br>one row 1 - 50                                                                                                                                                                                                                                                      |      |      |
|                                                                                    | ... surface<br>S =selective gold-plated<br>G=gold-plated<br>Z =tin-plated                                                                                                                                                                                                                  |      |      |
|  |    <p>S = 3,5 mm</p> <p>□ 0,5</p> |      |      |
| art. no.                                                                           | dim. [mm]                                                                                                                                                                                                                                                                                  |      |      |
|                                                                                    | A                                                                                                                                                                                                                                                                                          | B    | C    |
| SLY 4 035...                                                                       | 1.50                                                                                                                                                                                                                                                                                       | 2.80 | 3.50 |
| SLY 4 041...                                                                       | 1.50                                                                                                                                                                                                                                                                                       | 2.80 | 4.10 |
| SLY 4 082...                                                                       | 1.50                                                                                                                                                                                                                                                                                       | 2.80 | 8.20 |
| please indicate:                                                                   | ... no. of contacts<br>two rows 4 - 100                                                                                                                                                                                                                                                    |      |      |
|                                                                                    | ... surface<br>S =selective gold-plated<br>G=gold-plated<br>Z =tin-plated                                                                                                                                                                                                                  |      |      |

Therefore any required number of contacts is available.

A

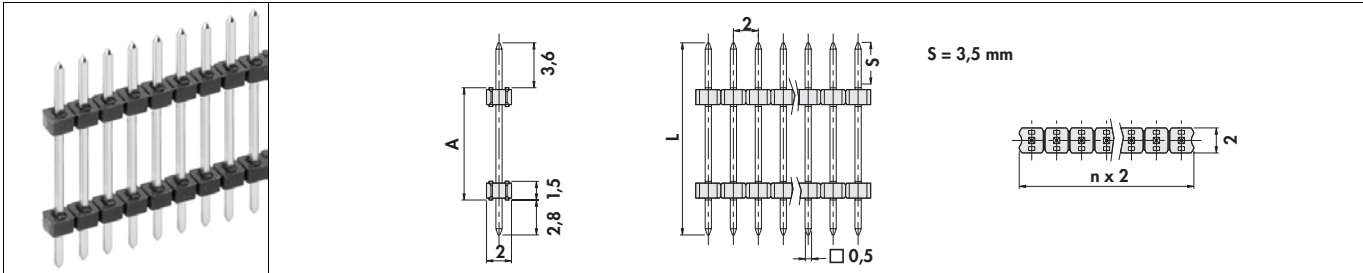
Male headers soldering technique

B

0.5 mm

suitable for female headers BLY

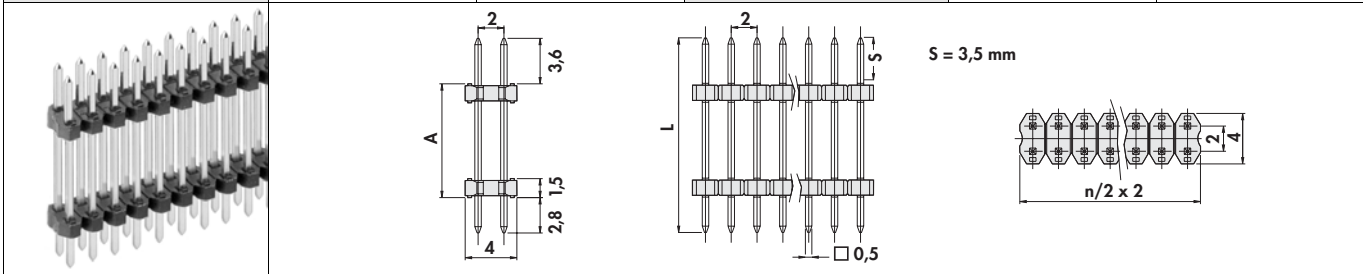
C



D

| art. no.      | dim. [mm] |       | art. no.      | dim. [mm] |       |
|---------------|-----------|-------|---------------|-----------|-------|
|               | A         | L     |               | A         | L     |
| SLY 5 040 ... | 4.00      | 10.40 | SLY 5 101 ... | 10.10     | 16.50 |
| SLY 5 075 ... | 7.50      | 13.90 | SLY 5 122 ... | 12.20     | 18.60 |
| SLY 5 081 ... | 8.10      | 14.50 |               |           |       |

E



G

| art. no.      | dim. [mm] |       | art. no.      | dim. [mm] |       |
|---------------|-----------|-------|---------------|-----------|-------|
|               | A         | L     |               | A         | L     |
| SLY 6 040 ... | 4.00      | 10.40 | SLY 6 101 ... | 10.10     | 16.50 |
| SLY 6 075 ... | 7.50      | 13.90 | SLY 6 122 ... | 12.20     | 18.60 |
| SLY 6 081 ... | 8.10      | 14.50 |               |           |       |

H

please indicate:

... no. of contacts  
one row 1-50  
two rows 2-100

... surface  
S = selective gold-plated  
G = gold-plated  
Z = tin-plated

I

Are used for interconnections of stacked PCBs.  
The position of the insulator can be changed within the total length of the pin.

K

L

M

N

G 17

Female headers 2.00 SMD  
Female headers 2.00 solder  
Technical data  
Jumpers

→ G  
→ G  
→ G 73 - 76  
→ G -

Male headers 2.54 solder  
Male headers 1.27 solder  
Male headers 2.00 solder

→ G 2  
→ G 18 - 19  
→ G 15 - 17



Male headers soldering technique

0.3 mm

suitable for female header BLM

|                     |           |      |       |                  |                |       |       |      |       |  |
|---------------------|-----------|------|-------|------------------|----------------|-------|-------|------|-------|--|
|                     |           |      |       |                  |                |       |       |      |       |  |
| art. no.            | dim. [mm] |      |       | art. no.         | dim. [mm]      |       |       |      |       |  |
|                     | A         | B    | C     |                  | A              | B     | C     |      |       |  |
| SLM W 1 063 ...     | 11.10     | 3.10 | 6.30  | SLM W 11 063 ... | 12.80          | 4.80  | 6.30  |      |       |  |
| SLM W 1 092 ...     | 14.00     | 3.10 | 9.20  | SLM W 11 117 ... | 18.20          | 4.80  | 11.70 |      |       |  |
| SLM W 1 117 ...     | 16.50     | 3.10 | 11.70 |                  |                |       |       |      |       |  |
|                     |           |      |       |                  |                |       |       |      |       |  |
| art. no.            | dim. [mm] |      |       | art. no.         | dim. [mm]      |       |       |      |       |  |
|                     | A         | B    | C     |                  | A              | B     | C     |      |       |  |
| SLM W KA 058 ...    | 4.40      | 3.00 | 5.80  | SLM W KA 112 ... | 4.40           | 3.00  | 11.20 |      |       |  |
|                     |           |      |       |                  |                |       |       |      |       |  |
| art. no.            | dim. [mm] |      |       | art. no.         | dim. [mm]      |       |       |      |       |  |
|                     | A         | B    | C     | L                |                | A     | B     | C    | L     |  |
| SLM WD 085 ...      | 8.50      | 3.00 | 5.00  | 16.50            | SLM WD 102 ... | 10.20 | 3.00  | 5.00 | 18.20 |  |
| please indicate:    |           |      |       |                  |                |       |       |      |       |  |
| ... no. of contacts |           |      |       |                  |                |       |       |      |       |  |
| one row 1-36        |           |      |       |                  |                |       |       |      |       |  |
| ... surface         |           |      |       |                  |                |       |       |      |       |  |
| G=gold-plated       |           |      |       |                  |                |       |       |      |       |  |
| Z=tin-plated        |           |      |       |                  |                |       |       |      |       |  |

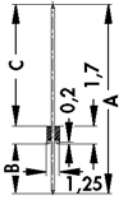
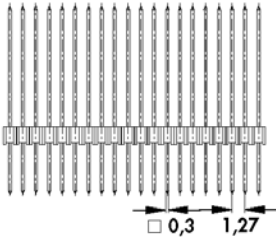
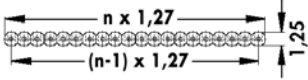
Dimensions A, B, C variable (on request). Other pins lengths on request.

V-notches permit breaking! Therefore any required number of contacts is available.

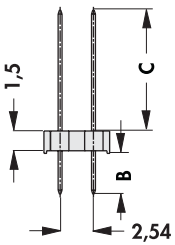
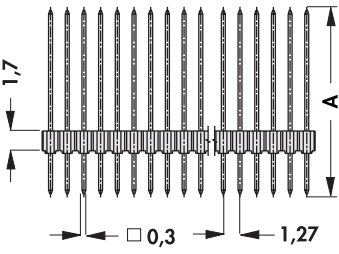
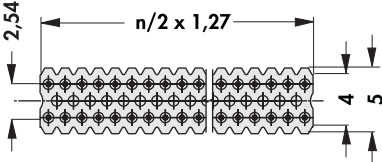
Male headers soldering technique

Straight, narrow insulator □ 0.3 mm

suitable for female header BLM, one row 1-20 contacts

|  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| art. no.                                                                          | dim. [mm]                                                                         |                                                                                    |                                                                                     |
|                                                                                   | A                                                                                 | B                                                                                  | C                                                                                   |
| SLM N 1 063 ...                                                                   | 11.10                                                                             | 3.10                                                                               | 6.30                                                                                |
| SLM N 1 092 ...                                                                   | 14.00                                                                             | 3.10                                                                               | 9.20                                                                                |
| SLM N 1 117 ...                                                                   | 16.50                                                                             | 3.10                                                                               | 11.70                                                                               |
| SLM N 11 063 ...                                                                  | 12.80                                                                             | 4.80                                                                               | 6.30                                                                                |
| SLM N 11 117 ...                                                                  | 18.20                                                                             | 4.80                                                                               | 11.70                                                                               |
| please indicate:                                                                  | ... no. of contacts<br>one row 1-20                                               |                                                                                    | ... surface<br>G=gold-plated<br>Z=tin-plated                                        |

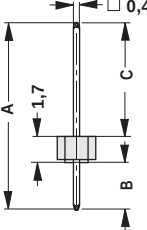
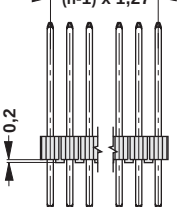
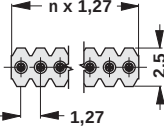
suitable for female header BLM, two rows 4-72 contacts - grid spacing 1,27 x 2,54 mm

|  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| art. no.                                                                            | dim. [mm]                                                                           |                                                                                      |                                                                                       |
|                                                                                     | A                                                                                   | B                                                                                    | C                                                                                     |
| SLM W 2 063 ...                                                                     | 11.10                                                                               | 3.10                                                                                 | 6.30                                                                                  |
| SLM W 2 092 ...                                                                     | 14.00                                                                               | 3.10                                                                                 | 9.20                                                                                  |
| SLM W 2 117 ...                                                                     | 16.50                                                                               | 3.10                                                                                 | 11.70                                                                                 |
| SLM W 22 063 ...                                                                    | 12.80                                                                               | 4.80                                                                                 | 6.30                                                                                  |
| SLM W 22 117 ...                                                                    | 18.20                                                                               | 4.80                                                                                 | 11.70                                                                                 |
| please indicate:                                                                    | ... no. of contacts<br>two rows 4-72                                                |                                                                                      | ... surface<br>G=gold-plated<br>Z=tin-plated                                          |

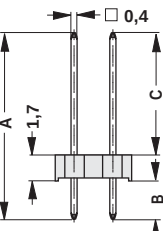
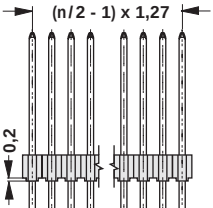
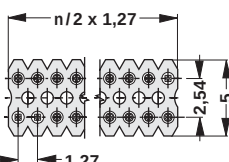
V-notches permit breaking! Therefore any required number of contacts is available.

0,4 mm

suitable for female header BLM, one row 1-36 contacts

|                                                                                   |                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| art. no.                                                                          | dim. [mm]                                                                         |                                                                                   |                                                                                     |
|                                                                                   | A                                                                                 | B                                                                                 | C                                                                                   |
| SLV W 1 055 ...                                                                   | 9.70                                                                              | 2.50                                                                              | 5.50                                                                                |
| SLV W 1 080 ...                                                                   | 12.20                                                                             | 2.50                                                                              | 8.00                                                                                |
| SLV W 1 105 ...                                                                   | 14.70                                                                             | 2.50                                                                              | 10.50                                                                               |
| SLV W 1 130 ...                                                                   | 17.20                                                                             | 2.50                                                                              | 13.00                                                                               |
| please indicate:                                                                  | ... no. of contacts<br>one row 1-36                                               |                                                                                   |                                                                                     |
|                                                                                   | ... surface<br>G=gold-plated<br>Z=tin-plated                                      |                                                                                   |                                                                                     |

suitable for female header BLM, two rows 4-72 contacts, Raster 1,27 x 2,54 mm

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| art. no.                                                                            | dim. [mm]                                                                           |                                                                                     |                                                                                       |
|                                                                                     | A                                                                                   | B                                                                                   | C                                                                                     |
| SLV W 2 055 ...                                                                     | 9.70                                                                                | 2.50                                                                                | 5.50                                                                                  |
| SLV W 2 080 ...                                                                     | 12.20                                                                               | 2.50                                                                                | 8.00                                                                                  |
| SLV W 2 105 ...                                                                     | 14.70                                                                               | 2.50                                                                                | 10.50                                                                                 |
| SLV W 2 130 ...                                                                     | 17.20                                                                               | 2.50                                                                                | 13.00                                                                                 |
| please indicate:                                                                    | ... no. of contacts<br>two rows 4-72                                                |                                                                                     |                                                                                       |
|                                                                                     | ... surface<br>G=gold-plated<br>Z=tin-plated                                        |                                                                                     |                                                                                       |

Male headers soldering technique

□ 0.4 mm, 90° abgewinkelt

one row 1-36 contacts

|                    |                                     |      |                                              |  |  |
|--------------------|-------------------------------------|------|----------------------------------------------|--|--|
|                    |                                     |      |                                              |  |  |
| art. no.           | dim. [mm]                           |      |                                              |  |  |
|                    | A                                   | B    | C                                            |  |  |
| SLV W 1 KA 030 ... | 3.90                                | 2.50 | 3.00                                         |  |  |
| SLV W 1 KA 055 ... | 3.90                                | 2.50 | 5.50                                         |  |  |
| SLV W 1 KA 080 ... | 3.90                                | 2.50 | 8.00                                         |  |  |
| SLV W 1 KA 105 ... | 3.90                                | 2.50 | 10.50                                        |  |  |
| please indicate:   | ... no. of contacts<br>one row 1-36 |      | ... surface<br>G=gold-plated<br>Z=tin-plated |  |  |

suitable for female header BLM, two rows 6-72 contacts, Raster 1,27 x 2,54 mm

|                    |                                      |      |                                              |  |  |
|--------------------|--------------------------------------|------|----------------------------------------------|--|--|
|                    |                                      |      |                                              |  |  |
| art. no.           | dim. [mm]                            |      |                                              |  |  |
|                    | A                                    | B    | C                                            |  |  |
| SLV W 2 KA 030 ... | 3.70                                 | 2.50 | 3.00                                         |  |  |
| SLV W 2 KA 054 ... | 3.70                                 | 2.50 | 5.40                                         |  |  |
| please indicate:   | ... no. of contacts<br>two rows 6-72 |      | ... surface<br>G=gold-plated<br>Z=tin-plated |  |  |

packingSLV W 2 KA ...: bar magazine