

A

**Male headers soldering technique**

B

**Low profile, straight**

One row, □ 0.025"

	<b>art. no.</b> dimensions [mm]			<b>art. no.</b> dimensions [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> <b>one row 1-36</b>			<b>... surface</b> <b>S = selective gold-plated</b> <b>G = gold-plated</b> <b>Z = tin-plated</b>			

D

E

F

G

Two rows, □ 0.025"

	<b>art. no.</b> dimensions [mm]			<b>art. no.</b> dimensions [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> <b>two rows 2-72</b>			<b>... surface</b> <b>S = selective gold-plated</b> <b>G = gold-plated</b> <b>Z = tin-plated</b>			

H

I

K

Every pin length is available on request.

L

M

N

**G 11**
**IDC-connectors**
**Female headers .1" SMD**
**Female headers .1" solder**
**Fem.headers .1" solder, put through**

→ H 1 - 14

→ G 40 - 44

→ G 29

→ G 30

**Jumpers**
**Special male & female headers**
**High-prec. fem. headers .1" sold.**
**Technical data**

→ G 70 - 71

→ G 19

→ G 31 - 34

→ G 72 - 76

# Technical data PCB connectors

	SL 1–6, 10–22, SLK 3 + 4, SL LP 1-4, LB SL, UM SL
Contact material: shell	CuSn-alloy
Contact surface of the shell: gold/tin	Ni + 0,2 µm Au (thicker gold platings on request), Ni + 6 µm Sn
Contact spring: material/surface	
Transition resistance:	≤ 5 mOhm
Shock resistance:	
Vibration resistance max.:	
Capacity between two adjacent contacts:	
Current rating:	3 A
Nominal voltage:	250 V AC
Test voltage:	2000 V
Insulator: material	PA 4.6, GF
Temperature range:	-40 °C ... +163 °C (+260 °C 1 min.)
Flammability class:	UL 94 V-0
Insulation resistance:	> 10 <sup>12</sup> Ohm
Plugability for pins:	
Insertion depth for pins:	
Insertion/Extraction, type:	holding force: > 7 N