

Female headers

Low profile, fork contact spring

– **separable!** any requested number of contact can be delivered

– for \square 0.635 mm pin cross section, straight

art. no. BL LP 1 ...													
art. no. BL LP 2 ...													
<p>please indicate:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">... no. of contacts</td> <td style="width: 33%;">... surface of contact</td> <td style="width: 33%;"></td> </tr> <tr> <td>one row 1 - 36</td> <td>S = selective gold-plated</td> <td></td> </tr> <tr> <td>two rows 2 - 72</td> <td>Z = tin-plated</td> <td></td> </tr> </table>					... no. of contacts	... surface of contact		one row 1 - 36	S = selective gold-plated		two rows 2 - 72	Z = tin-plated	
... no. of contacts	... surface of contact												
one row 1 - 36	S = selective gold-plated												
two rows 2 - 72	Z = tin-plated												

– for \square 0.635 mm pin cross section, angled

– **BL LP 4 ...:** packing in a bar magazine (min. 4 contacts)


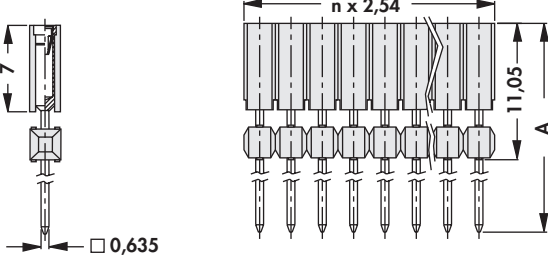
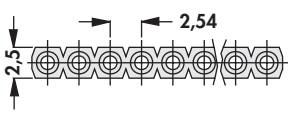
art. no. BL LP 3 ...													
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Female headers


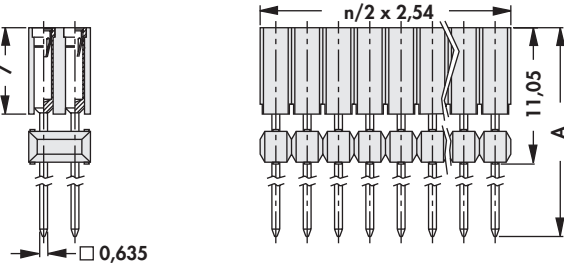
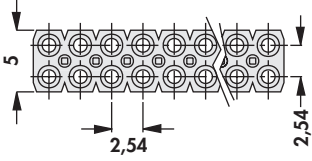
Precision contacts for □ 0.635 mm and Ø up to 0.85 mm pin cross section

- for PC 104 modules
- no capillary action when soldering due to protected contact insert
- **separable!** any requested number of contact can be delivered

– one row, 1-36 contacts

		
art. no.	dim. [mm]	
	A	
BL 18 141 ...	14.1	
BL 18 219 ...	21.9	
please indicate:	... no. of contacts one row 1 - 36	
contact sleeve:	gold-plated	
contact spring:	gold-plated	

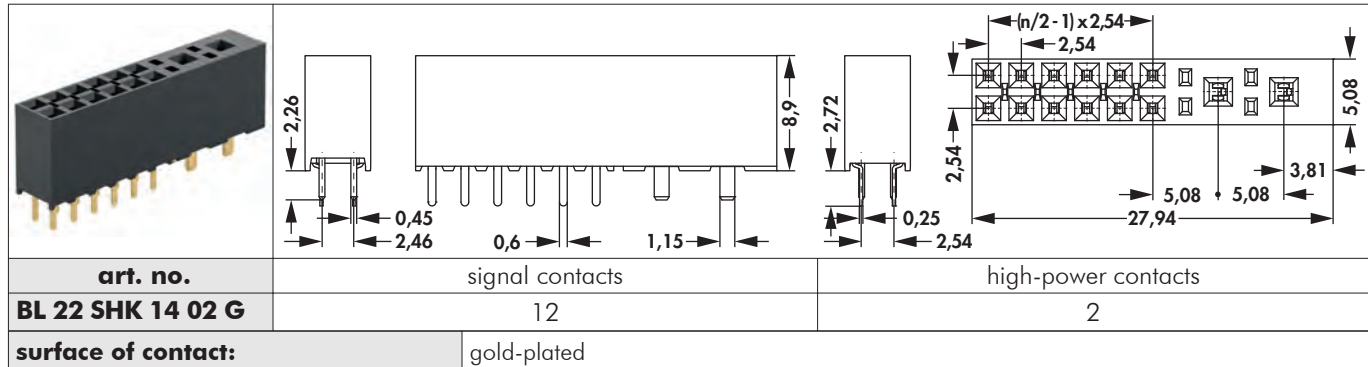
– two rows, 2-72 contacts

		
art. no.	dim. [mm]	
	A	
BL 19 141 ...	14.1	
BL 19 219 ...	21.9	
please indicate:	... no. of contacts two rows 2 - 72	
contact sleeve:	gold-plated	
contact spring:	gold-plated	

Female headers

Turned precision female contacts

- suitable for **SL 26 SHK 14 02 G → G 19** and **SL 27 SHK 14 02 SMD G → G 32**
- signal and high-power contacts
- contacts gold-plated
- other number of contacts / contact surface upon request



A

Technical data: PCB connectors

B

C

D

E

F

G

H

I

K

L

M

N

	SIL 2 ...	BL 1 ..., BL 2 ..., BL 3 ..., BL 4 ...	BL LP ...	BL 11 ...
contact material	CuZn-alloy	CuSn alloy		
surface contact / contact sleeve	Ni+0.2 μ m Au/ Ni +4...6 μ m Sn	Ni+ \geq 0.2 μ m Au/ Ni +4...6 μ m Sn	Ni+ \geq 0.2 μ m Au (se- lective)/ Ni+2...4 μ m Sn (matt finished tin)	Ni+ \geq 0.2 μ m Au (se- lective)/ Ni+4...6 μ m Sn
inner contact spring material	CuBe-alloy			
inner contact spring surface	Ni+0,25 μ m Au			
type internal spring	4-fingers	fork contact		spring contact
plugability for circuit points	□0,22x0,25mm... □0,4x0,55mm/ Ø0,4...0,56mm	□0,5...0,7mm		□0,6...0,65mm
insert depth	2.5...3.6mm	1.5...5mm	2...4mm	\geq 5mm from above/ \geq 8mm from below
insertion / drawing force	1.8 N/1.4 N	1.5 N/1.3 N	2N/1.5N	1.5 N/0.5 N
shock resistance	50 g			
volume resistance		\leq 10 m Ω		\leq 20 m Ω
vibration resistance max.	15 g			
capacity between two adjacent con- tacts	\leq 0,4 pF	\leq 0,9 pF		
nominal current	1.5 A	3 A		
nominal voltage	60 V DC	125 V AC		250 V AC
test voltage	1000 V	1500 V		500 V
insulating body material		PPS		PA 4.6. GF
temperature range		-40°C... +200°C/ (260°C/10 s)		-40°C... +163°C/ (260°C/10 s)
class of inflammability		UL 94 V-0		
specific insulation resistance		$>10^{12}$ Ω ·m	$>10^{12}$ Ω	$>10^7$ Ω ·m

