

A

**Female headers**
**Stamped contact spring (fork contact)**

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

 – for  $\square$  0.635 mm pin cross section, straight

<b>art. no.</b>          <b>BL 1 ...</b>							
<b>art. no.</b>          <b>BL 2 ...</b>							
<p><b>please indicate:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;"></td> <td style="width: 40%;"> <b>... no. of contacts</b>            one row 1 - 36            two rows 2 - 72         </td> <td style="width: 40%;"> <b>... surface of contact</b>            G = gold-plated            Z = tin-plated         </td> </tr> </table>						<b>... no. of contacts</b> one row 1 - 36 two rows 2 - 72	<b>... surface of contact</b> G = gold-plated Z = tin-plated
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 – for  $\square$  0.635 mm pin cross section, angled

 – **BL 4 ...:** packing (option) bar magazine ( $\geq 6$  contacts)

<b>art. no.</b>          <b>BL 3 ...</b>							
<b>art. no.</b>          <b>BL 4 ...</b>							
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N

**G 65**
**EL.ITALIA**

 www.elitaliaweb.it  
 info@elitaliaweb.it  
 +39 0233611626


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

