

# BL - Series „Jumbo Contact“

## Female Headers 2,54mm pitch

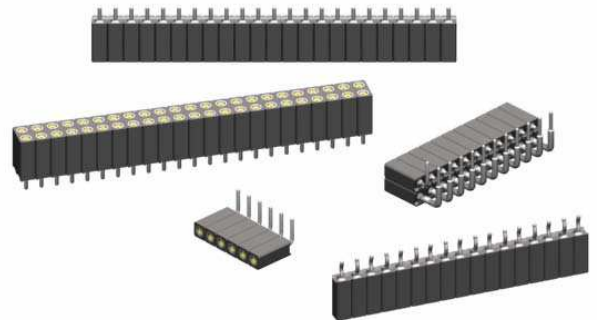


2,54mm pitch female header with precision „Jumbo Contact“ for board to board connections.

Accepts **square pins 0,65 x 0,65mm** max. (Pin Headers), as well as **round pins Ø 0,65 to 0,85mm** max.

7,00mm standard profile, and 4.50mm low profile available, other on request.

The stand-offs underneath the insulator, prevent the header from slanting during soldering.



<p><b>4.50mm Profile</b> single row -straight-</p> <p><b>BL1 - xxx - G109 - 95</b></p>	<p><b>7.00mm Profile</b> single row -straight-</p> <p><b>BL1 - xxx - G700 - 95</b></p>	<p><b>Other available Terminals</b></p> <p><b>G065P press fit type</b> For PCB thickness 1.50 to 2.00mm; plated-thru holes: Ø0,94 to 1,09mm</p>	<p><b>single row -right angle-</b></p> <p><b>BL1 - xxx - A700 - 95</b></p>
<p><b>4.50mm Profile</b> dual row -straight-</p> <p><b>BL2 - xxx - G109 - 95</b></p>	<p><b>7.00mm Profile</b> dual row -straight-</p> <p><b>BL2 - xxx - G700 - 95</b></p>	<p><b>G799 Clinched type</b> off G700 only for BL1 Series available</p>	<p><b>dual row -right angle-</b></p> <p><b>BL2 - xxx - A700 - 95</b></p>

### Specifications

#### Mechanical data

Insertion force (test probe Ø 0,66)	1,40 N (avg) if A700, G700 & G109 2,00 N (avg) if G065P 3,75 N (avg) if G799
Extraction force (test probe Ø 0,66)	0,25 N (avg) if A700, G700 & G109 1,00 N (avg) if G065P & G799
Contact life	> 100 cycles
Operating temperature	-55° C to +125° C

#### Material

Insulator	(RoHS compliant) high temp plastic UL 94 V-O
Terminal	(RoHS compliant) CuZn
Contact	(RoHS compliant) BeCu

#### Electrical data

Insulation resistance	10 <sup>4</sup> MΩ min.
Breakdown voltage	500 V AC for 1 minute
Contact resistance	30 mΩ / contact max.
Current rating	3 A max., 100V

#### Insertion depth

maximum	depends on the Terminal style
minimum	4,00mm / .157"

### How to order

**BLx - xxx - X xxx - 95**

<p><b>Series</b></p> <p><b>BL1</b> = single row...</p> <p><b>BL2</b> = dual row....</p>	<p><b>Nbr of contacts</b></p> <p>.....<b>002</b> to <b>050</b></p> <p>Note: <b>002</b> to <b>040</b> only available for G109 series</p> <hr/> <p>.....<b>004</b> to <b>100</b></p> <p>Note: <b>004</b> to <b>080</b> only available for G109 series</p>	<p><b>Connector style</b></p> <p><b>G</b> = straight</p> <p><b>A</b> = right angle</p>	<p><b>Terminal Type</b></p> <p>pls. ref. to the drawings shown above</p> <p>"press fit" = 065P and "clinched" type = 799 <b>not</b> available for the <b>A</b> = right angle style</p>	<p><b>Plating</b></p> <p>- <b>95</b> = tin/gold (tin leadfree)</p> <p>others on request</p>
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