

BL - Series „Jumbo Contact“

Female Headers 2,54mm pitch

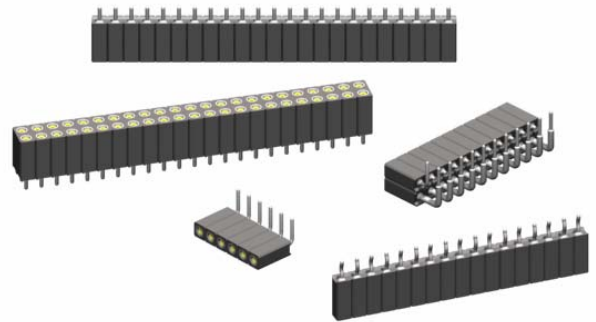


2,54mm pitch female header with precision „Jumbo Contact“ for board to board connections.

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>4.50mm Profile single row -straight-</p> <p>BL1 - xxx - G109 - 95</p>	<p>7.00mm Profile single row -straight-</p> <p>BL1 - xxx - G700 - 95</p>	<p>Other available Terminals</p> <p>G065P press fit type For PCB thickness 1.50 to 2.00mm; plated-thru holes: Ø0,94 to 1,09mm</p>	<p>single row -right angle-</p> <p>BL1 - xxx - A700 - 95</p>
<p>4.50mm Profile dual row -straight-</p> <p>BL2 - xxx - G109 - 95</p>	<p>7.00mm Profile dual row -straight-</p> <p>BL2 - xxx - G700 - 95</p>	<p>G799 Clinched type off G700 only for BL1 Series available</p>	<p>dual row -right angle-</p> <p>BL2 - xxx - A700 - 95</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 ⁴ 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>Series</p> <p>BL1 = single row..</p> <p>BL2 = dual row....</p>	<p>Nbr of contacts</p> <p>.....002 to 050</p> <p><i>Note: 002 to 040 only available for G109 series</i></p> <p>.....004 to 100</p> <p><i>Note: 004 to 080 only available for G109 series</i></p>	<p>Connector style</p> <p>G = straight</p> <p>A = right angle</p>	<p>Terminal Type</p> <p>pls. ref. to the drawings shown above</p> <p>“press fit” = 065P and “clinched” type = 799 not available for the A = right angle style</p>	<p>Plating</p> <p>- 95 = tin/gold (tin leadfree)</p> <p>others on request</p>
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