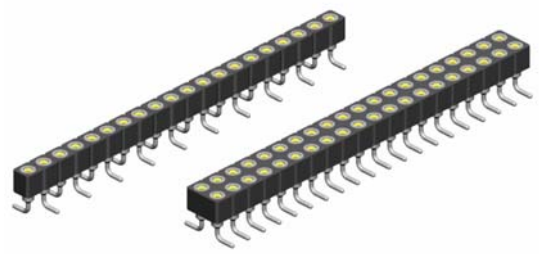
BS - Series „Jumbo Contact“ low profile

SMT Female Headers 2,54mm pitch

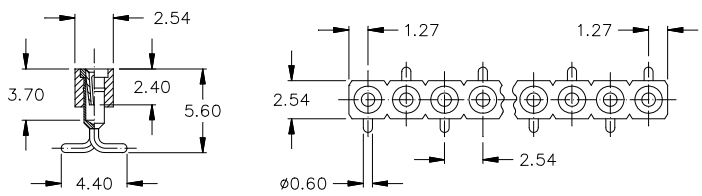
2,54mm pitch **“low profile”** SMT female header with precision „Jumbo Contact“ for board to board connections.

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

The female headers are available with 40 contacts max. for the single row, and 80 (2x40) max. for the dual row.

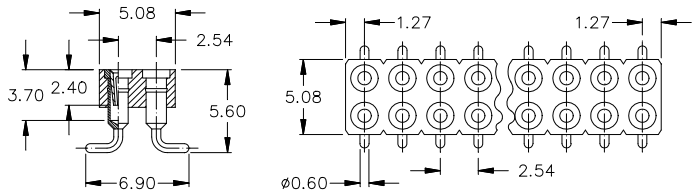


single row “low profile”



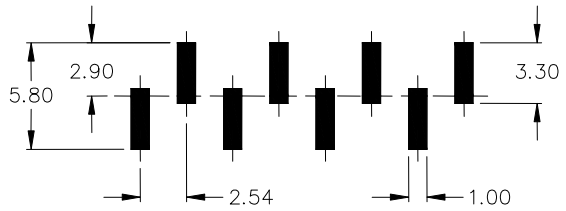
BS1 - xxx - G560 - 95

dual row “low profile”

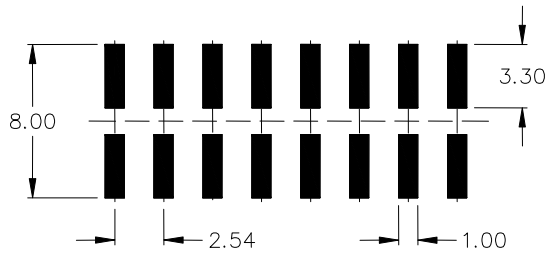


BS2 - xxx - G560 - 95

single row PCB layout



dual row PCB layout



Specifications

Mechanical data

Insertion force	1,40 N (avg) (test probe ∅ 0,66)
Extraction force	0,25 N (avg) (test probe ∅ 0,66)
Contact life	> 100 cycles
Operating temperature	-55° C to +125° C
Processing Temperature	+250°C +0/-5°C for 20~40sec.

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	3.70mm / .146”
minimum	3.00mm / .118“

How to order

BSx - xxx - G 560 - 95

Series	Nbr of contacts	Connector style	Terminal Type	Plating
BS1 = single row..	.....**002** to **040**	**G** = straight	pls. ref. to the drawings shown above	**- 95** = tin/gold *(tin leadfree)*
BS2 = dual row....	.....**004** to **080**			*others on request*