

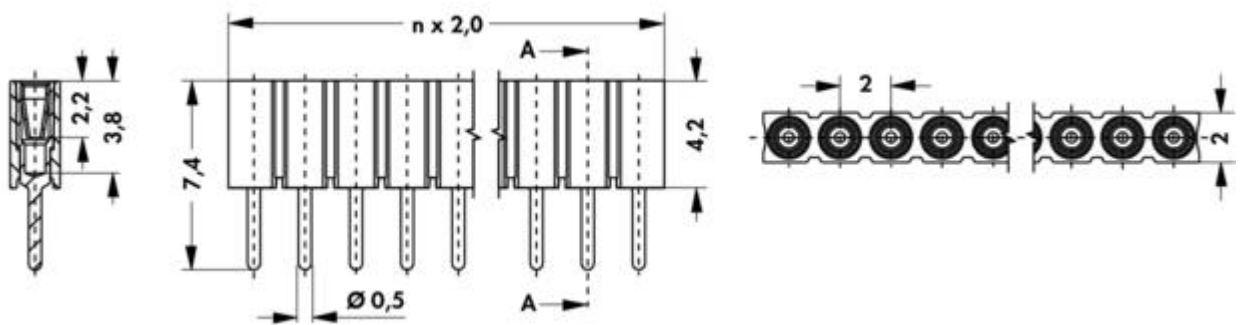
High-precision female headers soldering technique / **BLY 1**



square 0.5 mm

Parameters of article BLY 1

version	standard
no. of contacts	1 - 50
angle	straight
number of rows	1
connection type	soldering
grid	2
plug-in cross-section	square 0.5 / Ø 0.5
direction	standing
soldering	yes
Reflow solderable	no



Technical data PCB connectors

	BLY
Contact material: shell	CuZn-alloy
Contact surface of the shell: gold/tin	Ni + 4 µm Sn
Contact spring: material/surface	CuBe-alloy / Ni + 0,25 µm Au
Transition resistance:	≤ 10 mOhm
Shock resistance:	50 g
Vibration resistance max.:	15 g
Capacity between two adjacent contacts:	≤ 0,7 pF
Current rating:	2,5 A
Nominal voltage:	100 V DC
Test voltage:	500 V
Insulator: material	thermoplastic polyester, GF
Temperature range:	-40 °C ... +105 °C
Flammability class:	UL 94 V-0
Insulation resistance:	> 10 ¹² Ohm
Plugability for pins:	□ 0,45 ... 55 mm to □ 0,5 ... 0,65 mm
Insertion depth for pins:	2,5 ... 3,8 mm
Insertion/Extraction, type:	6-fingers: 1,27 N / 0,3 N