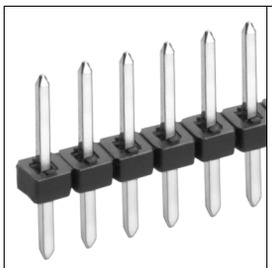
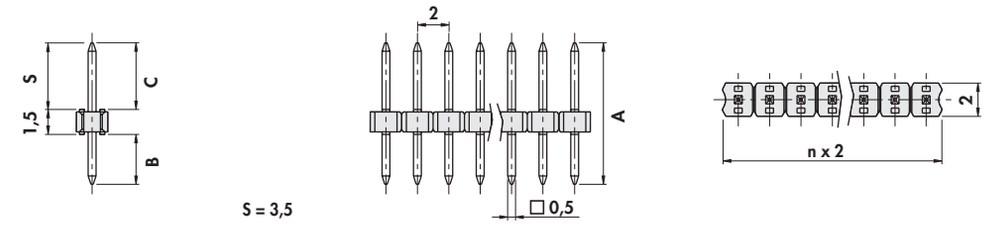
Male headers soldering technique

☐ 0.02", straight

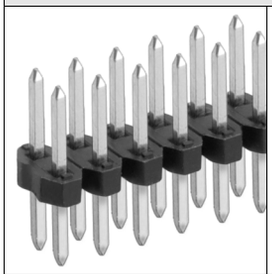


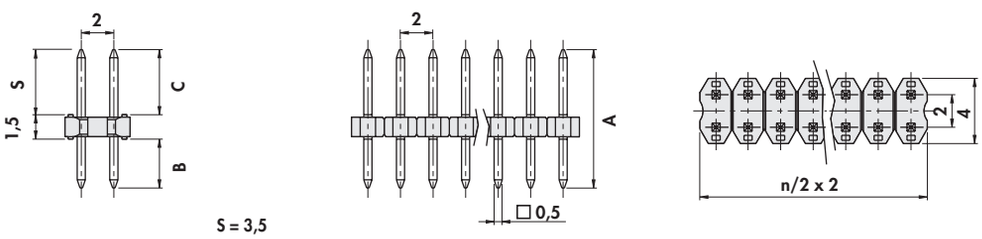


art. no.	dimensions [mm]		
	A	B	C
SLY 1 081 ...	8.10	3.00	3.60
SLY 1 085 ...	8.50	3.00	4.00
SLY 1 098 ...	9.80	2.60	5.70
SLY 1 104 ...	10.40	2.60	6.30
SLY 1 139 ...	13.90	2.60	9.80

please indicate:
... no. of contacts
one row 1 - 50

... surface
S = selective gold-plated
G = gold-plated
Z = tin-plated





art. no.	dimensions [mm]		
	A	B	C
SLY 2 081 ...	8.10	3.00	3.60
SLY 2 085 ...	8.50	3.00	4.00
SLY 2 098 ...	9.80	2.60	5.70
SLY 2 104 ...	10.40	2.60	6.30
SLY 2 139 ...	13.90	2.60	9.80

please indicate:
... no. of contacts
two rows 4 - 100

... surface
S = selective gold-plated
G = gold-plated
Z = tin-plated

Female headers .079" solder → G 54
Female headers .079" SMD → G 58
Jumpers → G 70 - 71
Male headers .035“ solder → G 68
Male headers .05“ solder → G 59 - 60
Male headers .079" solder → G 51 - 53
Male headers .1“ solder → G 8 - 18
Technical data → G 72 - 76

Technical data PCB connectors

	LB SLY, SLY
Contact material: shell	CuSn-alloy
Contact surface of the shell: gold/tin	Ni + 0,2 µm Au Ni + 4 µm Sn
Contact spring: material/surface	
Transistion resistance:	≤ 5 mOhm
Shock resistance:	
Vibration resistance max.:	
Capacity between two adjacent contacts:	
Current rating:	3 A
Nominal voltage:	100 V DC
Test voltage:	500 V
Insulator: material	PA 4.6, GF
Temperature range:	–40 °C … +163 °C (+260 °C 1 min.)
Flammability class:	UL 94 V-0
Insulation resistance:	> 10^{12} Ohm
Plugability for pins:	
Insertion depth for pins:	
Insertion/Extraction, type:	holding force: > 5 N