

A

Female headers
Stamped contact spring (fork contact)

- matching male header **SLM ...** → G 47 and **SLV ...** → G 47
- one row 1-36 contacts

art. no.	dim. [mm]	art. no.	dim. [mm]
BLM KG 1 ...	3.0	BLM LG 1 ...	5.1
please indicate:	... no. of contacts one row 1 - 36	... surface of contact G = gold-plated Z = tin-plated	
art. no.			
BLM LA 1 ...			
please indicate:	... no. of contacts one row 1 - 36	... surface of contact G = gold-plated Z = tin-plated	

- suitable for male header **SLV** → G 47
- two rows 4-72 contacts - grid spacing 1.27 x 2.54 mm

art. no.	dim. [mm]	art. no.	dim. [mm]
BLM KG 2 ...	3.0	BLM LG 2 ...	5.1
please indicate:	... no. of contacts two rows 4 - 72	... surface of contact G = gold-plated Z = tin-plated	

N

G 93

Female headers

Fork contact for \square 0.3 mm and \square 0.4 mm pin cross section, wide insulating body

- suitable for male header **SLM ...** → G 47 and **SLV ...** → G 47
- one row 4-20 contacts

art. no.			
BLM 1 SMD ...			
please indicate:	... no. of contacts one row 4 - 20	... surface of contact G = gold-plated Z = tin-plated	

Grid spacing 1.27 x 2.54 mm

- suitable for male header **SLV ...** → G 47
- two rows 4-40 contacts

art. no.			
BLM 2 SMD ...			
please indicate:	... no. of contacts two rows 4 - 40	... surface of contact G = gold-plated Z = tin-plated	

Fork contact for \square 0.3 mm and \square 0.4 mm pin cross section, wide insulating body

- matching for male header **SLV** → G 47
- one row 2-20 contacts

art. no.			
BLM 3 SMD ...			
please indicate:	... no. of contacts one row 2 - 20	... surface of contact G = gold-plated Z = tin-plated	

	BLM ...	BLV 2 ...	BLR ...	DF 2 ...
contact material	CuSn alloy		CuZn-alloy	CuSn alloy
surface contact / contact sleeve	Ni+ $\geq 0.2\mu\text{m Au}$ / Ni+ $4...6\mu\text{m Sn}$	Ni+ $\geq 0.2\mu\text{m Au}$	Ni+ $4...6\mu\text{m Sn}$	
inner contact spring material			CuBe-alloy	
inner contact spring surface			Ni+ $0,25\mu\text{m Au}$	
type internal spring	fork contact		3-fingers	
plugability for circuit points	$\square 0,3...0,4\text{mm}$	$\square 0,4\text{mm}$	$\varnothing 0,35...0,46\text{mm}$	
insert depth	2.5...6mm	2.5...4.2	2.5...3mm	
insertion / drawing force	1.3 N/1.1 N		1.2N/0.6N	
shock resistance			50 g	
volume resistance	$\leq 10\text{ m}\Omega$		$\leq 20\text{ m}\Omega$	
vibration resistance max.			15 g	
capacity between two adjacent contacts	$\leq 0,4\text{ pF}$		$\leq 1,0\text{ pF}$	
nominal current	1.5 A	1 A		2 A
nominal voltage	125 V AC	100 V DC		125 V AC
test voltage	500 V			
insulating body material	PA 4.6. GF	PCT, GF		polycarbonate
temperature range	-40°C... +163°C / (260°C/10 s)	-40°C... +105°C / (260°C/10 s)		-40°C... +125°C
class of inflammability	UL 94 V-0			
specific insulation resistance	$> 10^7\ \Omega\cdot\text{m}$			
PCB thickness				0,7...0,9 mm

A

B

C

D

E

F

G

H

I

K

L

M



N