
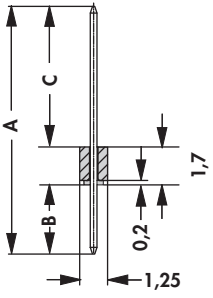
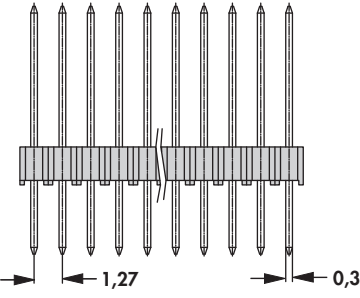
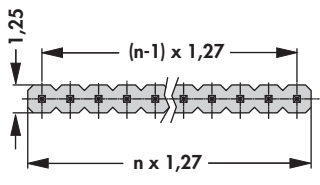


## Male headers


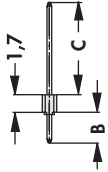
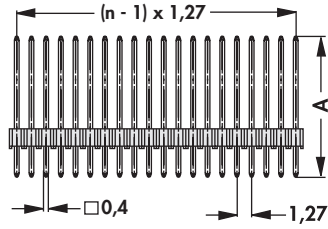
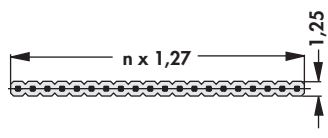
## Pin cross section □ 0.3 mm, straight, slim insulating body

- suitable for female header **BLM ...** → G 93
- one row 1-20 contacts

							
art. no.	dim. [mm]			art. no.	dim. [mm]		
	A	B	C		A	B	C
<b>SLM N 1 063 ...</b>	11.1	3.1	6.3	<b>SLM N 11 063 ...</b>	12.8	4.8	6.3
<b>SLM N 1 092 ...</b>	14.0		9.2	<b>SLM N 11 117 ...</b>	18.2		11.7
<b>SLM N 1 117 ...</b>	16.5		11.7				
<b>please indicate:</b>	<b>... no. of contacts</b> one row 1 - 20			<b>... surface of contact</b> <b>G</b> = gold-plated <b>Z</b> = tin-plated			

## Pin cross section □ 0.4 mm, straight, slim insulating body

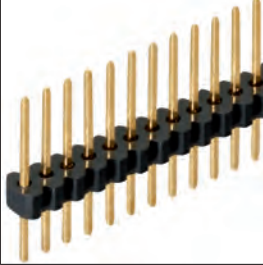
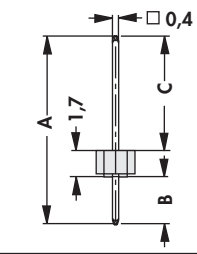
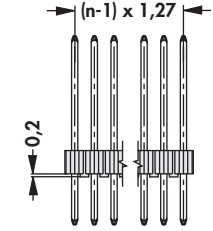
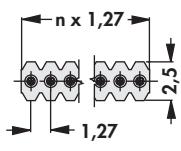
- matching for female header **BLM ...** → G 93
- one row 1-20 contacts

							
art. no.	dim. [mm]			art. no.	dim. [mm]		
	A	B	C		A	B	C
<b>SLV N 1 055 ...</b>	9.7	2.5	5.5	<b>SLV N 11 055 ...</b>	12.2	5.0	5.5
<b>SLV N 1 080 ...</b>	12.2		8.0	<b>SLV N 11 080 ...</b>	14.7		8.0
<b>SLV N 1 105 ...</b>	14.7		10.5	<b>SLV N 11 105 ...</b>	17.2		10.5
<b>SLV N 1 130 ...</b>	17.2		13.0				
<b>please indicate:</b>	<b>... no. of contacts</b> one row 1 - 20			<b>... surface of contact</b> <b>G</b> = gold-plated <b>Z</b> = tin-plated			

Male headers

Pin cross section □ 0.4 mm, straight


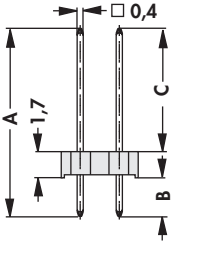
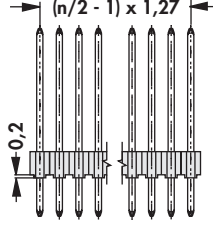
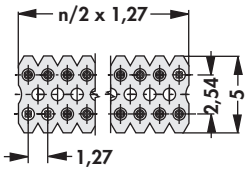
- suitable for female header **BLM ...** → G 93
- one row 1-36 contacts

art. no.	dim. [mm]			art. no.	dim. [mm]		
	A	B	C		A	B	C
SLV W 1 036 ...	7.8	2.5	3.6	SLV W 1 130 ...	17.2	2.5	13.0
SLV W 1 055 ...	9.7		5.5	SLV W 11 055 ...	12.2		5.0
SLV W 1 080 ...	12.2		8.0	SLV W 11 080 ...	14.7	8.0	
SLV W 1 105 ...	14.7		10.5	SLV W 11 105 ...	17.2	10.5	

**please indicate:** ... no. of contacts one row 1 - 36      ... surface of contact  
**G = gold-plated**  
**Z = tin-plated**

- matching for female header **BLM ...** → G 93
- two rows 4-72 contacts
- grid spacing 1.27 x 2.54 mm

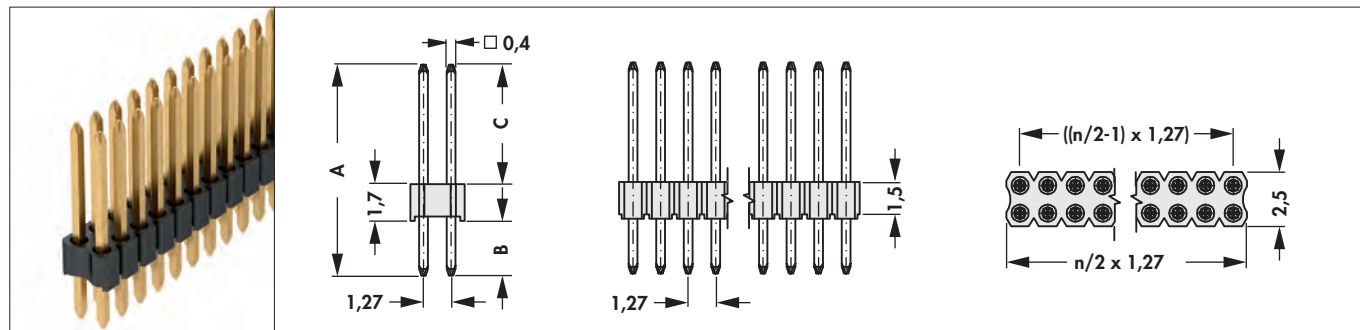
art. no.	dim. [mm]			art. no.	dim. [mm]		
	A	B	C		A	B	C
SLV W 2 036 ...	7.8	2.5	3.6	SLV W 2 130 ...	17.2	2.5	13.0
SLV W 2 055 ...	9.7		5.5	SLV W 22 055 ...	12.2		5.0
SLV W 2 080 ...	12.2		8.0	SLV W 22 080 ...	14.7	8.0	
SLV W 2 105 ...	14.7		10.5	SLV W 22 105 ...	17.2	10.5	

**please indicate:** ... no. of contacts two rows 4 - 72      ... surface of contact  
**G = gold-plated**  
**Z = tin-plated**

A

**Male headers**
**Straight, pin cross section  $\square$  0.4 mm**

- matching for female header **BLV 2 ...** → G 94
- two rows 4-72 contacts
- grid spacing **1.27 x 1.27 mm**



art. no.	dim. [mm]			art. no.	dim. [mm]		
	A	B	C		A	B	C
<b>SLV W 4 036 ...</b>	7.8	2.5	3.6	<b>SLV W 4 105 ...</b>	14.7	2.5	10.5
<b>SLV W 4 055 ...</b>	9.7		5.5	<b>SLV W 4 130 ...</b>	17.2		13.0
<b>SLV W 4 080 ...</b>	12.2		8.0				

please indicate:      ... no. of contacts  
two rows 4 - 72

... surface of contact  
**G** = gold-plated  
**Z** = tin-plated

F

G

H

I

K

L

M

N



A

## Male headers

### Angled, pin cross section $\square 0,4$ mm

- matching for female header **BLV 2 ...** → G 94
- two rows 4-72 contacts
- **grid spacing 1.27 x 1.27 mm**
- preferred number of contacts, others upon request

art. no.	no. of contacts	dim. [mm] C	art. no.	no. of contacts	dim. [mm] C		
SLV W 4 KA 036 10 ...	10	3.6	SLV W 4 KA 060 10 ...	10	6.0		
SLV W 4 KA 036 14 ...	14		SLV W 4 KA 060 14 ...	14			
SLV W 4 KA 036 16 ...	16		SLV W 4 KA 060 16 ...	16			
SLV W 4 KA 036 20 ...	20		SLV W 4 KA 060 20 ...	20			
SLV W 4 KA 036 26 ...	26		SLV W 4 KA 060 26 ...	26			
SLV W 4 KA 036 30 ...	30		SLV W 4 KA 060 30 ...	30			
SLV W 4 KA 036 34 ...	34		SLV W 4 KA 060 34 ...	34			
SLV W 4 KA 036 40 ...	40		SLV W 4 KA 060 40 ...	40			
SLV W 4 KA 036 50 ...	50		SLV W 4 KA 060 50 ...	50			
SLV W 4 KA 036 72 ...	72		SLV W 4 KA 060 72 ...	72			
<b>please indicate:</b> ... surface of contact <b>G = gold-plated</b> <b>Z = tin-plated</b>							

### Sandwich-design

- for interconnections of stacked PCBs
- within the total length of the pin the insulator position can be changed as required
- **separable!** any requested number of contact can be delivered

- one row,  $\square 0.4$  mm

art. no.	dim. [mm]		
	A	L	
SLV W 6 092 ...	9.2	14.7	
SLV W 6 117 ...	11.7	17.2	
<b>please indicate:</b> ... no. of contacts one row 1 - 36 ... surface of contact <b>G = gold-plated</b> <b>Z = tin-plated</b>			

N

**G 51**

Male headers

- two rows, □ 0.4 mm
- grid 1.27 x 1.27 mm

<b>art. no.</b>	dim. [mm]	
	A	L
SLV W 7 092 ...	9.2	14.7
SLV W 7 117 ...	11.7	17.2
<b>please indicate:</b>	<b>... no. of contacts</b> two rows 4 - 72	<b>... surface of contact</b> G = gold-plated Z = tin-plated

- two rows, □ 0.4 mm
- grid 1.27 x 2.54 mm

<b>art. no.</b>	dim. [mm]	
	A	L
SLV W 8 092 ...	9.2	14.7
SLV W 8 117 ...	11.7	17.2
<b>please indicate:</b>	<b>... no. of contacts</b> two rows 4 - 72	<b>... surface of contact</b> G = gold-plated Z = tin-plated

	MK ..., MK LP 240 ..., MK LP 241 ..., MK LP 242 ..., MK LP 40 ..., MK LP 41 ..., MK LP 42 ..., MK LP 43 ...	SL 7 - 9	SLU ...	SL KA 3 ..., SL KG 3 ...
<b>contact material</b>	CuZn-alloy		CuSn alloy	CuZn-alloy
<b>surface contact / contact sleeve</b>	Ni+≥0.2µm Au/ Ni+4...6µm Sn		Ni+≥0.2µm Au (selective)/ Ni+4...6µm Sn	Ni+≥0.2µm Au/ Ni+4...6µm Sn
<b>shock resistance</b>	50 g			
<b>volume resistance</b>	≤10 mΩ	≤5 mΩ	≤10 mΩ	≤20 mΩ
<b>vibration resistance max.</b>	15 g			
<b>capacity between two adjacent contacts</b>	≤0,4 pF			
<b>nominal current</b>	1.5 A	3 A		
<b>nominal voltage</b>	60 V DC	250 V AC	100 V DC	250 V AC
<b>test voltage</b>	1000 V	2000 V	1000 V	
<b>insulating body material</b>	PA 4.6. GF			
<b>temperature range</b>	-40°C... +163°C/ (260°C/10 s)			-40°C... +163°C/ (260°C/5 s)
<b>class of inflammability</b>	UL 94 V-0			
<b>specific insulation resistance</b>	>10 <sup>7</sup> Ω·m			
	<b>SL ... SHK ...</b>	<b>SL ..., SL ... THR, SLK ..., SL LP ...</b>	<b>SLP 1 ..., SLP 2 ..., SLUP 31 ...</b>	<b>SL ... LED ...</b>
<b>contact material</b>	CuZn-alloy	CuSn alloy		
<b>surface contact / contact sleeve</b>	Ni+≥0.2µm Au	Ni+≥0.2µm Au/ Ni+4...6µm Sn		
<b>volume resistance</b>	≤10 mΩ	≤5 mΩ	≤10 mΩ	≤5 mΩ
<b>nominal current</b>	8.2 A/ 3 A	3 A		
<b>nominal voltage</b>	250 V AC			
<b>test voltage</b>	1000 V	2000 V	1000 V	2000 V
<b>insulating body material</b>	PCT, GF	PA 4.6. GF		LCP
<b>temperature range</b>	-40°C ... +105°C (260°C / 10s)	-40°C... +163°C/ (260°C/10 s)		-40°C...+230°C/ (260°C/10 s)
<b>class of inflammability</b>	UL 94 V-0			
<b>specific insulation resistance</b>	>10 <sup>7</sup> Ω·m			>10 <sup>15</sup> Ω·cm
	<b>SLY ...</b>	<b>SLY ... SHK ...</b>	<b>SLM N ..., SLV N ..., SLV W ...</b>	<b>SLR ...</b>
<b>contact material</b>	CuSn alloy	CuZn-alloy		
<b>surface contact / contact sleeve</b>	Ni+≥0.2µm Au/ Ni+4...6µm Sn	Ni+≥0.2µm Au	Ni+≥0.2µm Au/ Ni+4...6µm Sn	
<b>volume resistance</b>	≤5 mΩ	≤10 mΩ	≤5 mΩ	≤20 mΩ
<b>nominal current</b>	3 A	8.2 A/ 2.5 A	1.5 A	1 A
<b>nominal voltage</b>	100 V DC	250 V AC	125 V AC	100 V AC/ 150 V DC
<b>test voltage</b>	500 V	1000 V	300 V	500 V
<b>insulating body material</b>	PA 4.6. GF	PCT, GF	PA 4.6. GF	PCT, GF
<b>temperature range</b>	-40°C... +163°C/ (260°C/10 s)	-40°C ... +105°C (260°C / 10s)	-40°C... +163°C/ (260°C/10 s)	-40°C... +105°C/ (260°C/10 s)
<b>class of inflammability</b>	UL 94 V-0			
<b>specific insulation resistance</b>	>10 <sup>7</sup> Ω·m	>10 <sup>7</sup> Ω·m		

