

## Male headers

## Pin cross section □ 0.4 mm, expanded insulating body

- suitable for female header **BLM ...** → G 93
- one row 4-20 contacts

<b>art. no.</b>	dim. [mm]	<b>art. no.</b>	dim. [mm]
	A    B    C		A    B    C
<b>SLV W 1 SMD 048 ...</b>	8.2    4    4.8	<b>SLV W 1 SMD 073 ...</b>	10.7    4    7.3
<b>art. no.</b>	dim. [mm]	<b>art. no.</b>	dim. [mm]
	A		A
<b>SLV W 9 SMD 102 ...</b>	10.2	<b>SLV W 9 SMD 127 ...</b>	12.7
<b>please indicate:</b>			
... no. of contacts		... surface of contact	
one row 4 - 20		G = gold-plated	
		Z = tin-plated	



## Male headers

- matching for female header **BLV 2 ...** → G 94
- two rows 4-40 contacts
- **grid spacing 1.27 x 1.27 mm**

<b>art. no.</b>	dim. [mm]			<b>art. no.</b>	dim. [mm]		
	A	B	C		A	B	C
<b>SLV W 4 SMD 048 ...</b>	8.2	5.3	4.8	<b>SLV W 4 SMD 073 ...</b>	10.7	5.3	7.3
<b>please indicate:</b>	... no. of contacts two rows 4 - 40		... surface of contact <b>G</b> = gold-plated <b>Z</b> = tin-plated		... packing (optional) <b>B TR</b> = pick and place pad and tape and reel (250pcs/reel)		

... packing (option) - additions:

**SLV W 4 SMD ... B TR: 4-12 contacts**

Packaging options pick and place pad in bar magazine "... B SM" and pick and place pad in tape & reel "... B TR" on request.

## Option for automatic assembly

... B TR	

- matching for female header **BLV 2 ...** → G 94
- two rows 4-40 contacts
- **grid spacing 1.27 x 1.27 mm**

<b>art. no.</b>	dim. [mm]		<b>art. no.</b>	dim. [mm]
	A			A
<b>SLV W 10 SMD 102 ...</b>	10.2		<b>SLV W 10 SMD 127 ...</b>	12.7
<b>please indicate:</b>	... no. of contacts two rows 4 - 40		... surface of contact <b>G</b> = gold-plated <b>Z</b> = tin-plated	

## Male headers

### Pin cross section □ 0.4 mm, expanded insulating body

- matching for female header **BLM ...** → G 93
- one row 2-20 contacts

art. no.	dim. [mm]			art. no.	dim. [mm]		
	A	B	C		A	B	C
<b>SLV W 3 SMD 048 ...</b>	9.5	3	4.8	<b>SLV W 3 SMD 073 ...</b>	12.0	3	7.3
<b>please indicate:</b>	<b>... no. of contacts</b> one row 2 - 20		<b>... surface of contact</b> G = gold-plated Z = tin-plated		<b>... packing (optional)</b> SM = bar magazine		

### ... packing (option) - additions:

#### SLV W 3 SMD ... SM: 4-20 contacts

Packaging options pick and place pad in bar magazine "... B SM" and pick and place pad in tape & reel "... B TR" on request.

### Option for automatic assembly

... SM	SLV W 3 SMD 048 ... SM	SLV W 3 SMD 073 ... SM

- two rows 4-40 contacts

art. no.	dim. [mm]		
	A	B	C
<b>SLV W 5 SMD 036 ...</b>	11.5	6.2	3.6
<b>please indicate:</b>	<b>... no. of contacts</b> two rows 4 - 40		<b>... surface of contact</b> G = gold-plated Z = tin-plated

Packaging options pick and place pad in bar magazine "... B SM" and pick and place pad in tape & reel "... B TR" on request.

	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 (se- lective)/ 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 con- tacts</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		

