

A

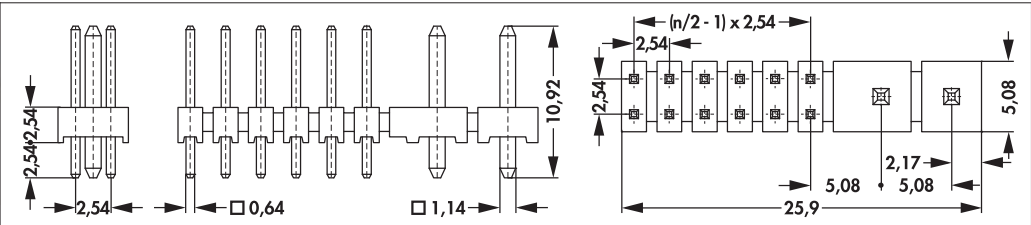
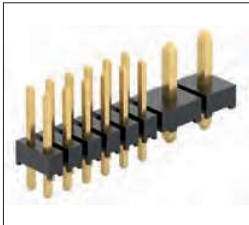
Male headers

B

Turned precision male contacts

- Suitable for **BL 22 SHK 14 02 G** and **BL 23 SHK 14 02 SMD G**
- Signal and high-power contacts
- Contacts gold-plated
- Other number of contacts / contact surface upon request

C



D

art. no.	
SL 26 SHK 14 02 G	
surface of contact:	gold-plated

E

F

G

H

I

K

L

M

N

Male headers

□ 0.635 mm

art. no.	dim. [mm]	art. no.	dim. [mm]	art. no.	dim. [mm]
SL 10 SMD 040 ...	C 4.0	SL 10 SMD 062 ...	C 6.7	SL 10 SMD 104 ...	C 10.8
SL 10 SMD 052 ...	S 5.5	SL 10 SMD 078 ...	S 8.2	SL 10 SMD 130 ...	S 13.4
please indicate: ... no. of contacts one row 4 - 20 ... surface of contact S = selective gold-plated G = gold-plated Z = tin-plated ... packing SM = bar magazine B SM = pick and place pad and bar magazine B TR = pick and place pad and tape and reel (250pcs/reel)					

... packing (option) - additions:

SL 10 SMD 040-104 ... SM; ... B SM: 4-20 contacts

SL 10 SMD 040-062 ... B TR: 4-20 contacts

SL 10 SMD 078 / 104 - 130 ... B TR: 4-12 contacts

Option, for automatic assembly

– reel diameter Ø 330 mm

	... SM ... B SM		SL 10 SMD ... SM		SL 10 SMD ... B SM			
	SL 10 SMD 040-062 ... 4-12 ... B TR		SL 10 SMD 040-062 ... 13-20 ... B TR					
	SL 10 SMD 078 ... 4-12 ... B TR		SL 10 SMD 104 - 130 ... 4-12 ... B TR					
... B TR								

Male headers

□ **0.635 mm**

... packing (option) - additions:

SL 11 SMD 040-104 ... SM; ... B SM: 6-40 contacts

SL 11 SMD 040-078 ... B TR: 6-24 contacts, 250 pcs/reel

SL 11 SMD 104-130 ... B TR: 6-24 contacts, 150 pcs/reel

Option, for automatic assembly

- reel diameter Ø 330 mm

SL 11 SMD ... SM

Dimensions: 8,5, 2,54, 2,8, C, 3,4, 8,5, 5,3, 6, 1,3, 7,5, 13,3, 17,5.

SL 11 SMD ... B SM

Dimensions: 13,3, 17,5.

SL 11 SMD 040-062 ... B TR

Dimensions: 16, 13,8, 4, 4, 40,4, Ø 2, Ø 1,5, 44.

SL 11 SMD 078 ... B TR

Dimensions: 16, 13,1, 4, 4, 40,4, Ø 2, Ø 1,5, 44.

SL 11 SMD 104-130 ... 6-24 ... B TR

Dimensions: 20, 19,1, 4, 4, 40,4, Ø 2, Ø 1,5, 44.

Male headers

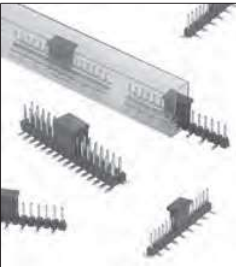
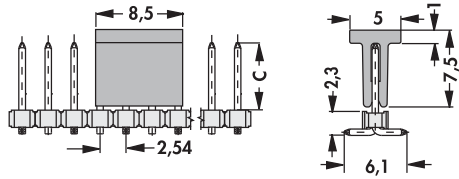
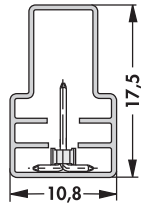
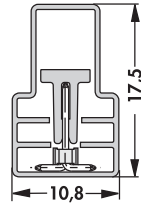
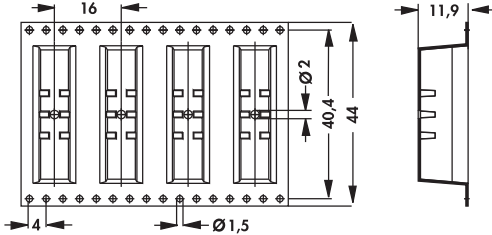
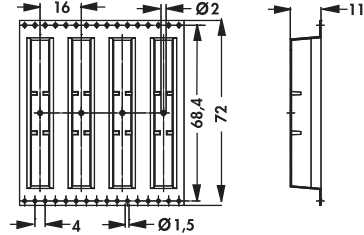
Low profile in SMD □ 0.635 mm

art. no.	dim. [mm]	art. no.	dim. [mm]	art. no.	dim. [mm]
	C S		C S		C S
SL LP 5 SMD 038 ...	3.8 3	SL LP 5 SMD 051 ...	5.1 4	SL LP 5 SMD 066 ...	6.6 4
please indicate: ... no. of contacts one row 4 - 20 ... surface of contact S = selective gold-plated G = gold-plated Z = tin-plated ... packing (optional) SM = bar magazine B SM = pick and place pad and bar magazine B TR = pick and place pad and tape and reel (250pcs/reel)					

... packing (option) - additions:
SL LP 5 SMD ... SM; ... B SM: 4-20 contacts
SL LP 5 SMD ... B TR: 4-20 contacts

Option, for automatic assembly

– reel diameter Ø 330 mm

			
... SM		SL LP 5 SMD ... SM	SL LP 5 SMD ... B SM
... B SM			
			
... B TR	SL LP 5 SMD 038-066 ... 4-12 ... B TR	SL LP 5 SMD 038-066 ... 13-20 ... B TR	

Male headers

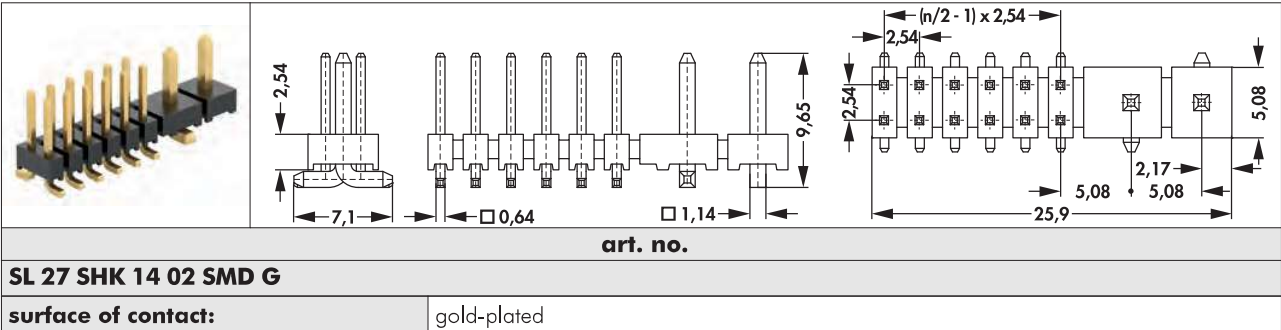
- B
- Turned precision male contacts

– Suitable for BL 22 SHK 14 02 G and BL 23 SHK 14 02 SMD G

– Signal and high-power contacts

– Contacts gold-plated

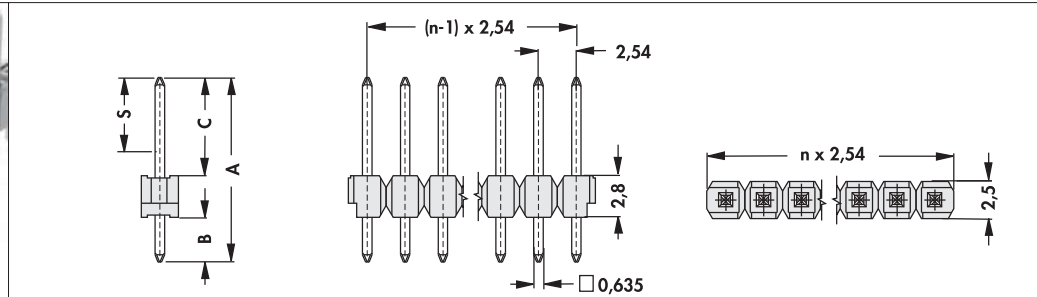
– Other number of contacts / contact surface upon request



Male headers

Male connectors for LED applications

- every pin length is available upon request
- insulating body made of white plastic (nature)
- one row, □ 0.635 mm

				
art. no.	dim. [mm]			
	A	B	C	S
SL 24 LED 097 ...	9.7	3	3.9	4
SL 24 LED 112 ...	11.2		5.4	
SL 24 LED 124 ...	12.4		6.6	5
please indicate: ... no. of contacts one row 1 - 36 ... surface of contact S = selective gold-plated G = gold-plated Z = tin-plated				

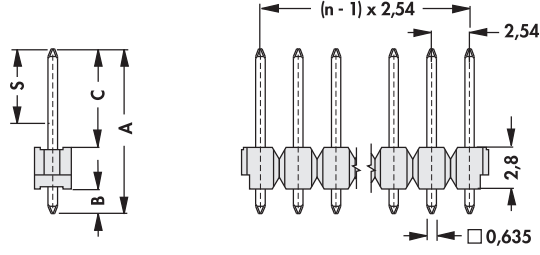
Male headers

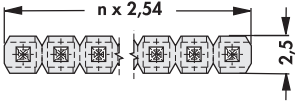
B

Male connectors for LED applications

- every pin length is available upon request
- insulating body made of white plastic (nature)
- one row, □ 0.635 mm







art. no.	dim. [mm]			
	A	B	C	S
SL 25 LED THR 097 ...	9.7	2	4.9	4
SL 25 LED THR 112 ...	11.2		6.4	
SL 25 LED THR 124 ...	12.4		7.6	5

please indicate:

... no. of contacts

one row 1 - 36

... surface of contact

S = selective gold-plated

G = gold-plated

Z = tin-plated

F

G

H

I

K

L

M

N

Male headers

Male connectors for LED applications

- insulating body made of white plastic (nature)
- one row, □ 0.635 mm

art. no.	B	dim. [mm] C	S
SL 23 LED SMD 031 ...	5.2	3.1	4
SL 23 LED SMD 058 ...		5.8	5
please indicate:	... no. of contacts one row 2 - 20	... surface of contact S = selective gold-plated G = gold-plated Z = tin-plated	... packing (optional) B SM = pick and place pad and bar magazine B TR = pick and place pad and tape and reel (500pcs/reel)

... packing (option) - additions:
SL 23 LED ... B TR: 2-13 contacts

Option, for automatic assembly

	SL 23 LED SMD ... B SM
... B SM	
	SL 23 LED SMD ... B TR
... B TR	

Male headers

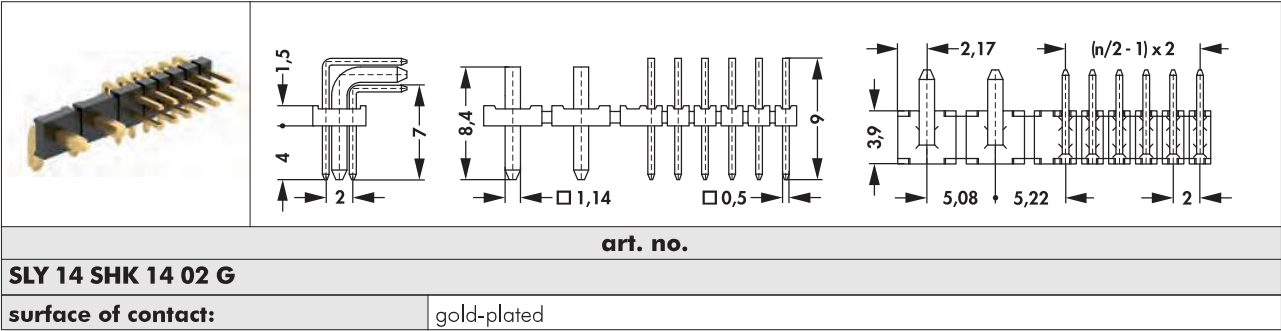
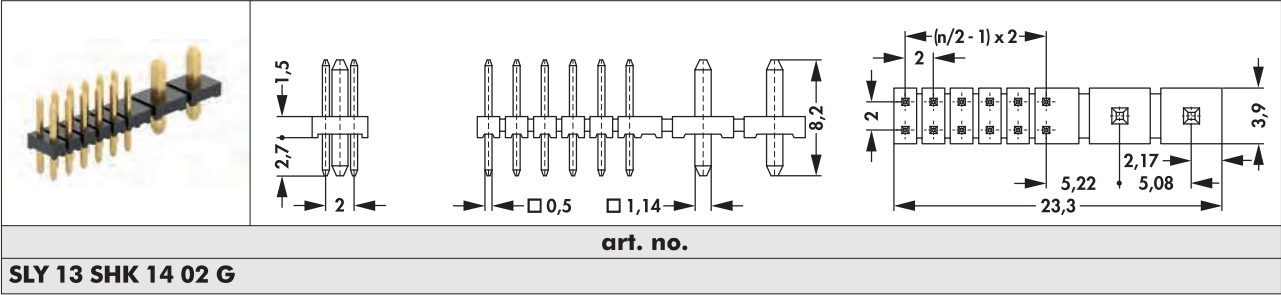
- B
- Turned precision male contacts

– suitable for → BLY 10 SHK 14 02 G

– signal and high-power contacts

– contacts gold-plated

– other number of contacts / contact surface upon request

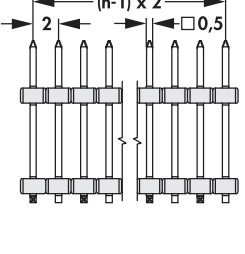
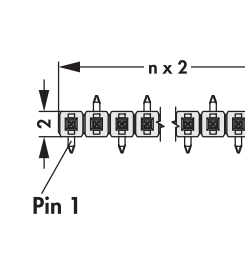


Male headers

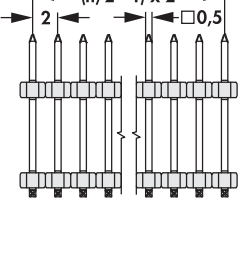
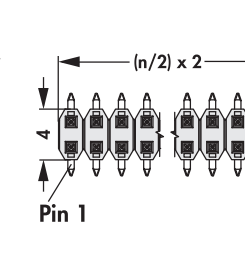
Design, matching for BLY ...

- are used to connect overlying PCBs
- within the total length of the pin the insulating body is variable upon request
- **separable!** every requested number of contact can be delivered

– one row, □ 0,5 mm

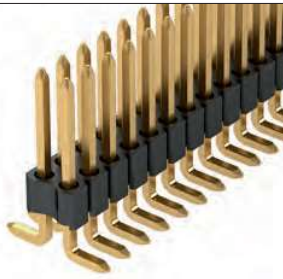
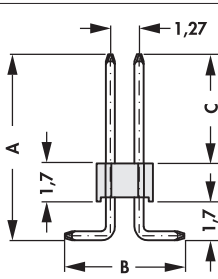
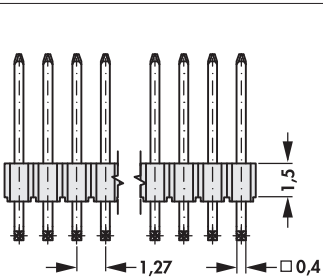
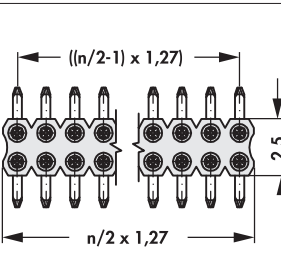
					
art. no.	dim. [mm] A	art. no.	dim. [mm] A	art. no.	dim. [mm] A
SLY 11 SMD 051 ...	5.1	SLY 11 SMD 092 ...	9.2	SLY 11 SMD 133 ...	13.3
please indicate: ... no. of contacts one row 4 - 20 ... surface of contact S = selective gold-plated G = gold-plated Z = tin-plated					

– two rows, □ 0.5 mm

					
art. no.	dim. [mm] A	art. no.	dim. [mm] A	art. no.	dim. [mm] A
SLY 12 SMD 051 ...	5.1	SLY 12 SMD 092 ...	9.2	SLY 12 SMD 133 ...	13.3
please indicate: ... no. of contacts two rows 4 - 40 ... surface of contact S = selective gold-plated G = gold-plated Z = tin-plated					

Male headers

- two rows 4-40 contacts
- grid spacing 1.27 x 1.27

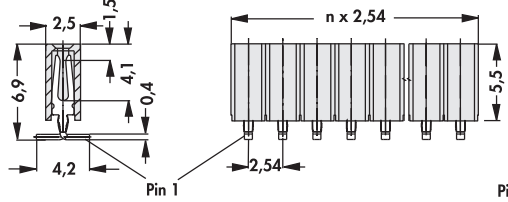
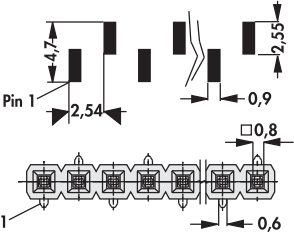
									
art. no.	dim. [mm]			art. no.	dim. [mm]				
	A	B	C		A	B	C		
SLV W 4 SMD 048 ...	8.2	5.3	4.8	SLV W 4 SMD 073 ...	10.7	5.3	7.3		
please indicate:	... no. of contacts			... surface of contact					
	two rows 4 - 40			G = gold-plated					
				Z = tin-plated					

N

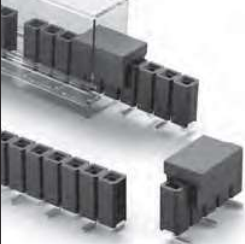
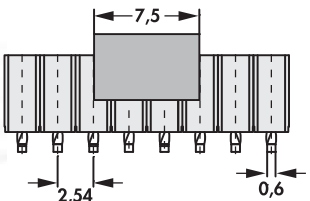
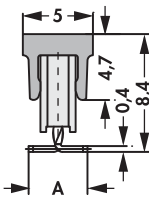
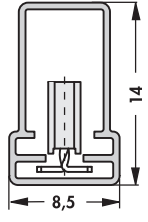
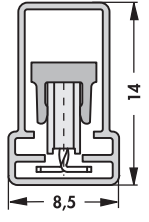
Female headers

Low profile, fork contact spring

- for □ 0.635 mm plug pins
- other number of contacts on request

art. no.			
BL LP 5 SMD ...			
please indicate:	... no. of contacts one row 4 - 20	... surface of contact S = selective gold-plated Z = tin-plated	... packing (optional) SM = bar magazine B SM = pick and place pad and bar magazine

Option, for automatic assembly

				
... SM	BL LP 5 SMD ... B		BL LP 5 SMD ... SM	BL LP 5 SMD ... B SM
... B SM				

A

Female headers

B

C

D

E

F

G

art. no.			
BL LP 6 SMD ...			
please indicate:	... no. of contacts two rows 4 - 40	... surface of contact S = selective gold-plated Z = tin-plated	... packing (optional) SM = bar magazine B SM = pick and place pad and bar magazine

... packing (option) - additions:

BL LP 6 SMD ... SM 6-40 contacts

BL LP 6 SMD ... B SM 4-40 contacts

Option, for automatic assembly

	... SM	BL LP 6 SMD ... B	BL LP 6 SMD ... SM
... B SM			BL LP 6 SMD ... B SM

H

I

K

L

M

art. no.			
BL LP 7 SMD ...			
please indicate:	... no. of contacts one row 1 - 20	... surface of contact S = selective gold-plated Z = tin-plated	... packing (optional) SM = bar magazine

... packing (option) - additions:

BL LP 7 SMD ... SM 4-20 contacts

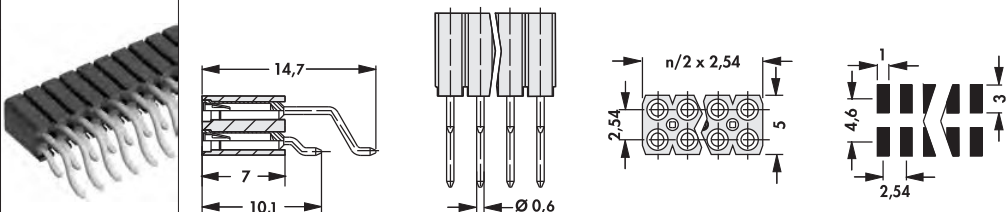
Option, for automatic assembly

	... SM	BL LP 7 SMD ... SM	

N

Female headers

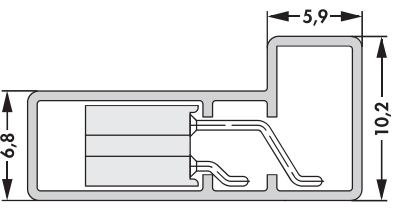
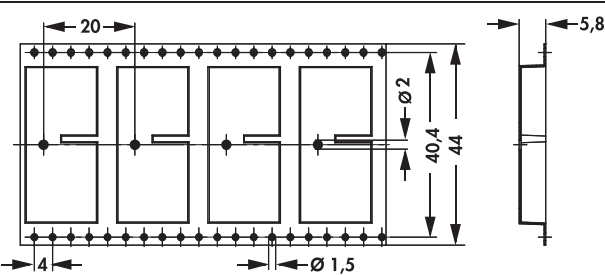
- no capillary action when soldering due to protected inner contact
- **separable!** any requested number of contact can be delivered

art. no.					
BL 20 SMD ...					
please indicate:	... no. of contacts two rows 4 - 40	... packing (optional) SM = bar magazine TR = tape and reel (600pcs/reel)			

... packing (option) - additions:
BL 20 SMD ... TR: 4-26 contacts

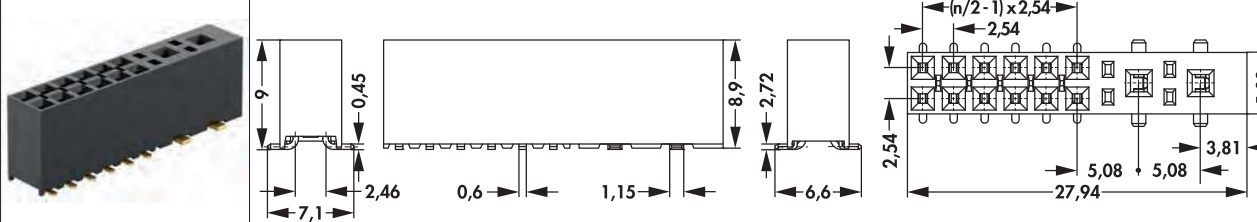
contact sleeve:	tin-plated
contact spring:	gold-plated
insertion / drawing force:	1.3N/0.3N

Option, for automatic assembly

 ... SM	 BL 20 SMD ... SM
 ... TR	 BL 20 SMD ... 4-26 TR

Turned precision female contacts

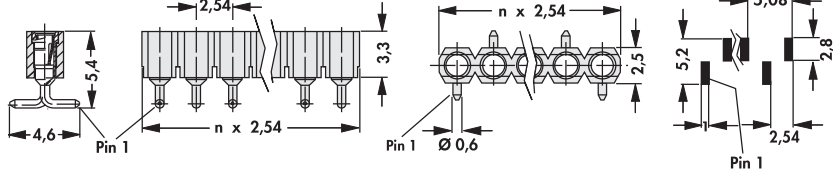
- suitable for **SL 26 SHK 14 02 G** and **SL 27 SHK 14 02 SMD G**
- signal and high-power contacts
- contacts gold-plated
- other number of contacts / contact surface upon request

	art. no.
BL 23 SHK 14 02 SMD G	
surface of contact:	gold-plated

Female headers

Precision contacts for $\square$ 0.635 mm and $\varnothing$ up to 0.85 mm, pin cross section

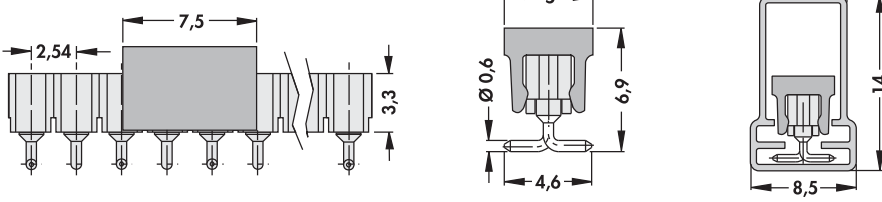
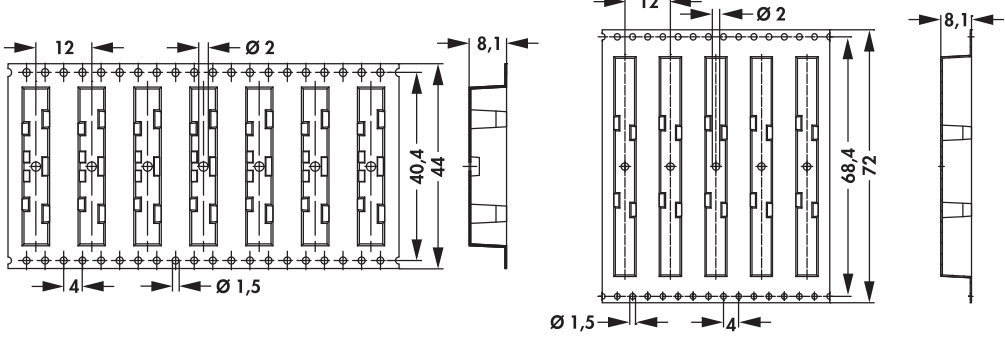
- no capillary action when soldering due to protected inner contact
- **separable!** any requested number of contact can be delivered

art. no.			
MK 22 SMD ...			
please indicate:	... no. of contacts one row 4 - 20	... packing (optional) B SM = pick and place pad and bar magazine B TR = pick and place pad and tape and reel (600pcs/reel)	

... packing (option) - additions:
MK 22 SMD ... B TR: 3-22 contacts

contact sleeve:	tin-plated
contact spring:	gold-plated
insertion / drawing force:	1.3N/0.3N

Option, for automatic assembly

	
... B SM	MK 22 SMD ... B SM
	
... B TR	MK 22 SMD ... 3-13 B TR MK 22 SMD ... 14-22 B TR

Female headers

Precision contacts for pin cross section Ø 0,5 mm

- one row
- no capillary action when soldering due to protected inner contact
- **separable!** any requested number of contact can be delivered

art. no.		
MK 23 SMD ...		
please indicate:	... no. of contacts one row 4 - 20	... packing (optional) B SM = pick and place pad and bar magazine B TR = pick and place pad and tape and reel (600pcs/reel)

... packing (option) - additions:

MK 23 SMD ... B TR: 3-22 contacts

contact sleeve:	tin-plated
contact spring:	gold-plated
insertion / drawing force:	1.8 N/1.4 N

Option, for automatic assembly

		MK 23 SMD ... B SM
... B SM		
		MK 23 SMD ... 3-13 B TR
... B TR		MK 23 SMD ... 14-22 B TR

Female headers

Female connectors for LED applications, low profile, fork contact spring

- **separable!** any requested number of contact can be delivered
- insulating body made of white plastic (nature)
- for □ 0.635 mm pin cross section, straight

art. no.				
BL LP 9 LED ...				
please indicate:	... no. of contacts one row 1 - 36	... surface of contact S = selective gold-plated Z = tin-plated		

Female headers

Female connectors for LED applications

- **separable!** any requested number of contact can be delivered
- insulating body made of white plastic (nature)
- for $\square$ 0.635 mm pin cross section, straight

art. no.				
BL LP 8 LED SMD ...				
please indicate:	... no. of contacts one row 1 - 20	... surface of contact S = selective gold-plated Z = tin-plated	... packing (optional) SM = bar magazine	

... packing (option) - additions:

BL LP 8 LED SMD ... SM 4-20 contacts

Option, for automatic assembly

... SM	BL LP 8 LED SMD ... SM

Female headers

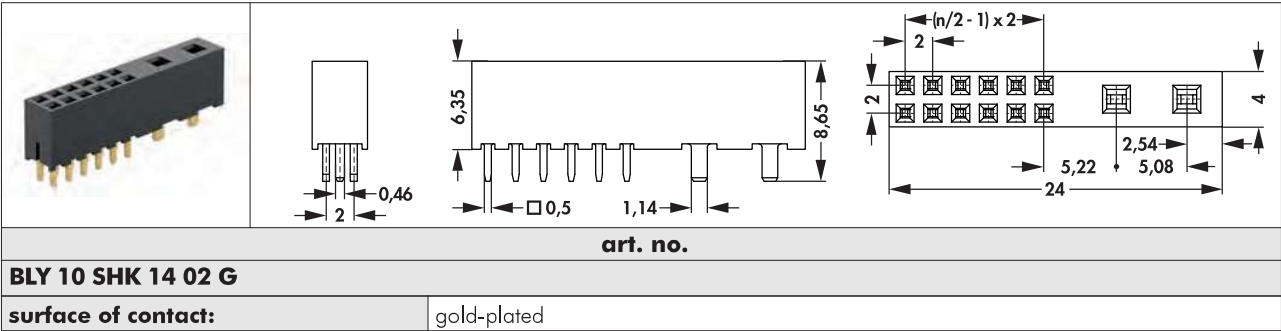
- B
- Turned precision female contacts

– suitable for → **SLY 13 SHK 14 02 G** and **SLY 14 SHK 14 02 G**

– signal and high-power contacts

– contacts gold-plated

– other number of contacts / contact surface upon request



E

F

G

H

I

K

L

M

N

Female headers

Precision contacts for □ 0.5 mm and Ø up to 0.56 mm, pin cross section

art. no.									
BLY 5 SMD ...									
please indicate:	... no. of contacts one row 4 - 20		... packing (optional) B SM = pick and place pad and bar magazine B TR = pick and place pad and tape and reel (700pcs/reel)						

... packing (option) - additions:
BLY 5 SMD ... B TR: 4-15 contacts

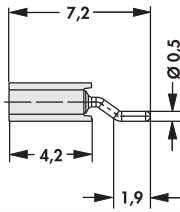
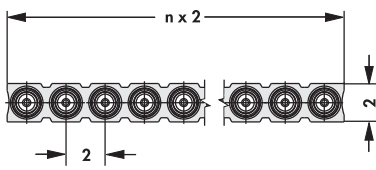
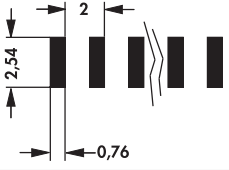
contact sleeve:	tin-plated
contact spring:	gold-plated
insertion / drawing force:	1.3N/0.3N

Option, for automatic assembly

... B SM	BLY 5 SMD ... B SM
... B TR	BLY 5 SMD ... 4-15 B TR

Female headers

- no capillary action when soldering due to protected inner contact
- **separable!** any requested number of contact can be delivered

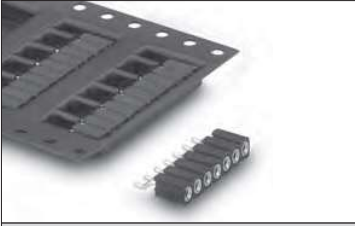
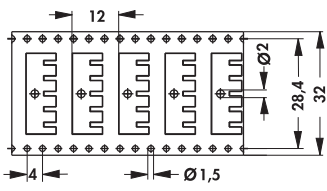
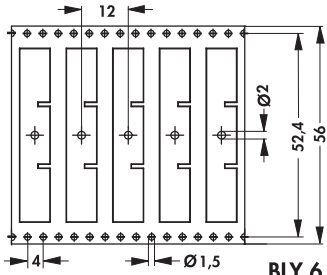
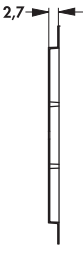
art. no.				
BLY 6 SMD ...				
please indicate:	... no. of contacts one row 2 - 20		... packing (optional) TR = tape and reel	

... packing (option) - additions:
BLY 6 SMD ... TR: 2-10 contacts
BLY 6 SMD ... TR: 11-20 contacts

contact sleeve:	tin-plated
contact spring:	gold-plated
insertion / drawing force:	1.3N/0.3N

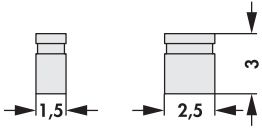
Option, for automatic assembly

- reel diameter Ø 330 mm

		
... TR	BLY 6 SMD ... TR (2-10 contacts) (2.400 pcs/reel)	
		
... TR	BLY 6 SMD ... TR (11-20 contacts) (2.200 pcs/reel)	

Jumpers

For □ 0.3...0.4 mm and Ø 0.4...0.5 mm

 				
art. no.	grid [mm]	surface of contact	no. of contacts	version
CAB 16 G ...	1.27	<0.1 µm Au	2	closed
please indicate: ... colour S = black R = red B = blue				

A

B

C

D

E

F

G

H

I

K

L

M

N

A

Technical data: PCB connectors

B

C

D

E

F

G

H

I

K

L

M

N

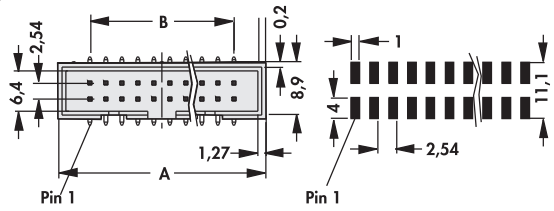
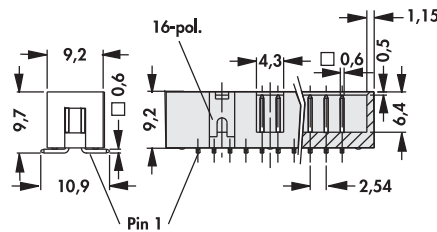
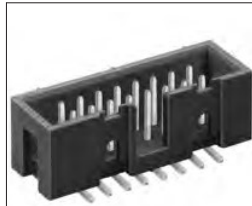
	SL ... SHK ...	SL ..., SL LP ...	SL ... LED ...	SLY ... SHK ...
contact material	CuZn-alloy	CuSn alloy		CuZn-alloy
surface contact / contact sleeve	Ni+≥0.2μm Au	Ni+≥0.2μm Au/ Ni+4...6μm Sn		Ni+≥0.2μm Au
volume resistance	≤10 mΩ	≤5 mΩ		≤10 mΩ
nominal current	8.2 A/ 3 A	3 A		8.2 A/ 2.5 A
nominal voltage	250 V AC			
test voltage	1000 V	2000 V		1000 V
insulating body material	PCT, GF	PA 4.6. GF	LCP	PCT, GF
temperature range	-40°C ... +105°C (260°C / 10s)	-40°C... +163°C/ (260°C/10 s)	-40°C...+230°C/ (260°C/10 s)	-40°C ... +105°C (260°C / 10s)
class of inflammability	UL 94 V-0			
specific insulation resistance		> 10 ⁷ Ω·m	> 10 ¹⁵ Ω·cm	
	SLY ...	SLV W ...	BL LP ...	BL 20 SMD ...
contact material	CuSn alloy	CuZn-alloy	CuSn alloy	CuZn-alloy
surface contact / contact sleeve	Ni+≥0.2μm Au/ Ni+4...6μm Sn		Ni+0.2μm Au (selective)/ Ni+2...4μm Sn (matt finished tin)	Ni+4...6μm Sn
inner contact spring material				CuBe-alloy
inner contact spring surface				Ni+0,75μm Au
type internal spring			fork contact	6-fingers
plugability for circuit points			□0,5...0,7mm	□0,55...0,65mm/ Ø0,65...0,85mm
insert depth			2...4mm	2.5...6mm
insertion / drawing force			2N/1.5N	1.3N/0.3N
shock resistance				50 g
volume resistance	≤5 mΩ		≤10 mΩ	
vibration resistance max.				15 g
capacity between two adjacent contacts			≤ 0,9 pF	≤ 0,3 pF
nominal current	3 A	1.5 A	3 A	
nominal voltage	100 V DC	125 V AC		150 V DC
test voltage	500 V	300 V	1500 V	
insulating body material	PA 4.6. GF		PPS	PA 4.6. GF
temperature range	-40°C... +163°C/ (260°C/10 s)		-40°C... +200°C/ (260°C/10 s)	-40°C... +163°C/ (260°C/10 s)
class of inflammability	UL 94 V-0			
specific insulation resistance	> 10 ⁷ Ω·m		> 10 ¹² Ω	> 10 ⁷ Ω·m

	BL ... SHK ...	MK 22/222 ...	MK 23/223 ...	BL LP ... LED ...
contact material	CuZn-alloy			CuSn alloy
surface contact / contact sleeve	Ni+≥0.2μm Au	Ni+4...6μm Sn		Ni+0.2μm Au (selective)/ Ni+2...4μm Sn (matt finished tin)
inner contact spring material		CuBe-alloy		
inner contact spring surface		Ni+0,75μm Au	Ni+0,25μm Au	
type internal spring	fork contact	6-fingers	4-fingers	fork contact
plugability for circuit points	□0,64mm/ □1,14mm	□0,55...0,65mm/ Ø0,65...0,85mm	□0,22x0,25mm... □0,4x0,55mm/ Ø0,4...0,56mm	□0,5...0,7mm
insert depth		2.5...3.6mm		2...4mm
insertion / drawing force		1.3N/0.3N	1.8 N/1.4 N	2N/1.5N
shock resistance		50 g		
volume resistance		≤10 mΩ		
vibration resistance max.		15 g		
capacity between two adjacent contacts		≤0,3 pF	≤0,4 pF	≤ 0,9 pF
nominal current	8.2 A/ 3 A	3 A	1.5 A	3 A
nominal voltage	250 V AC	150 V DC	60 V DC	125 V AC
test voltage	1000 V	1500 V	1000 V	1500 V
insulating body material	PCT, GF	PA 4.6. GF		LCP
temperature range	-40°C ... +105°C (260°C / 10s)	-40°C... +163°C/ (260°C/10 s)		-40°C...+230°C/ (260°C/10 s)
class of inflammability	UL 94 V-0			
specific insulation resistance		> 10 ⁷ Ω·m		> 10 ¹⁵ Ω·cm
	BLY ... SHK ...	BLY ...		CAB 16 G ...
contact material	CuZn-alloy			
surface contact / contact sleeve	Ni+≥0.2μm Au	Ni+4...6μm Sn		<0.1μm Au
inner contact spring material		CuBe-alloy		
inner contact spring surface		Ni+0,25μm Au		
type internal spring	fork contact	6-fingers		
plugability for circuit points	□0,45...0,5mm/ □1,14mm	□0,45...0,5mm/ Ø0,4...0,56mm		
insert depth	2.5...3.8mm			2.2...2.4mm
insertion / drawing force		1.3N/0.3N		
shock resistance		50 g		
volume resistance	≤10 mΩ			
vibration resistance max.		15 g		
capacity between two adjacent contacts		≤0,7 pF		
nominal current	8.2 A/ 2.5 A	2.5 A		1 A
nominal voltage	250 V AC	100 V DC		100 V AC
test voltage	500 V			
insulating body material	PCT, GF	PA 4.6. GF		PBT
temperature range	-40°C ... +105°C (260°C / 10s)	-40°C... +163°C/ (260°C/10 s)		-40°C... +105°C
class of inflammability	UL 94 V-0			
specific insulation resistance		> 10 ⁷ Ω·m		

Shroud-male header

SMD, two rows, shrouded

- suitable for female multipoint connector **VFL, FLMP, PV**
- **VPE** = packing unit (pieces/tube)
- plug-in area available in gold-plated or completely tin-plated
- in addition they can be combined with many other ribbon cable connectors in 2.54 mm pitch



art. no.	no. of contacts	packing unit	dim. [mm]		art. no.	no. of contacts	packing unit	dim. [mm]	
			A	B				A	B
ASL 06 SMD ...	6	32	15.3	5.08	ASL 20 SMD ...	20	15	33.1	22.86
ASL 08 SMD ...	8	27	17.8	7.62	ASL 26 SMD ...	26	12	40.7	30.48
ASL 10 SMD ...	10	24	20.4	10.16	ASL 34 SMD ...	34	9	50.9	40.64
ASL 12 SMD ...	12	21	22.9	12.70	ASL 40 SMD ...	40	8	58.5	48.26
ASL 14 SMD ...	14	19	25.4	15.24	ASL 50 SMD ...	50	7	71.2	60.96
ASL 16 SMD ...	16	17	28.0	17.78					

please indicate:

... surface of contact

G = gold-plated

Z = tin-plated

... packing

SM = bar magazine

B SM = pick and place pad and bar magazine

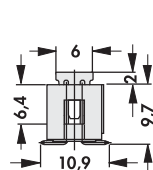
B TR = pick and place pad and tape and reel (300pcs/reel)

... packing (option) - additions:
 ASL 26 SMD ... B TR: 26 contacts

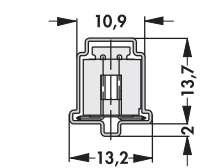
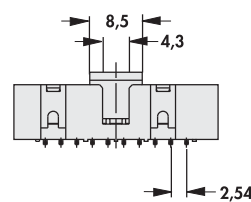
Option, for automatic assembly



... B SM



ASL ... SMD ...

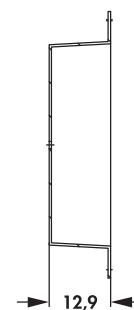
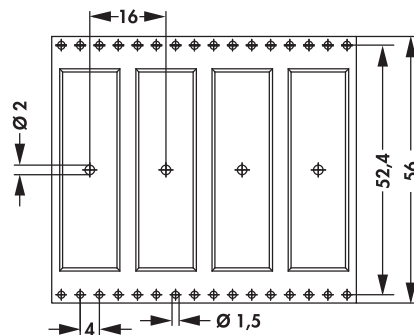


ASL ... SMD ... B SM



... TR

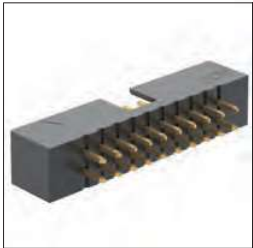
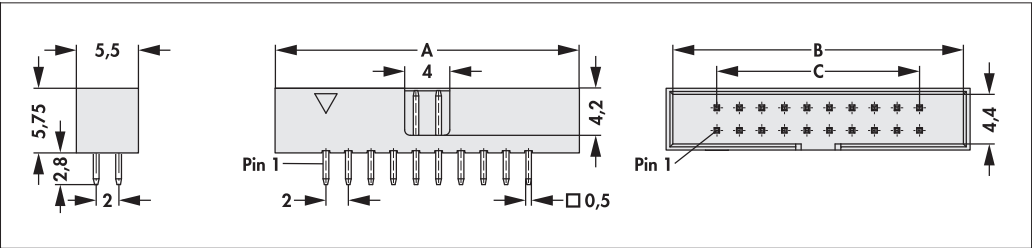
ASL 26 SMD ... B TR



Shroud-male header

Straight, two rows, shrouded

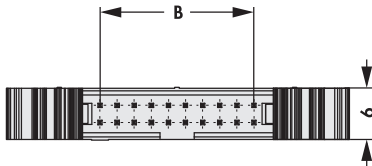
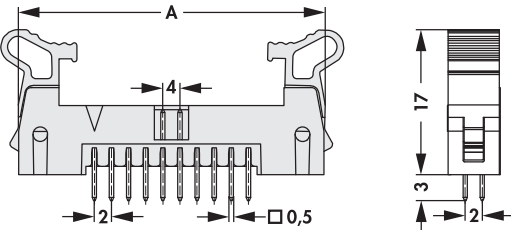
- suitable for female multipoint connector → PVY ...
- they are also combinable with many other ribbon cable female multipoint connectors in grid 2,00 mm
- contacts are available in gold-plated, tin-plating upon request!

				
art. no.	no. of contacts	dim. [mm]		
		A	B	C
ASLGY 10 G	10	17	15.8	8
ASLGY 20 G	20	27	25.8	18
ASLGY 26 G	26	33	31.8	24
ASLGY 40 G	40	47	45.8	38
ASLGY 44 G	44	51	49.8	42
ASLGY 50 G	50	57	55.8	48

Shroud-male header

Straight, two rows, shrouded and with lock

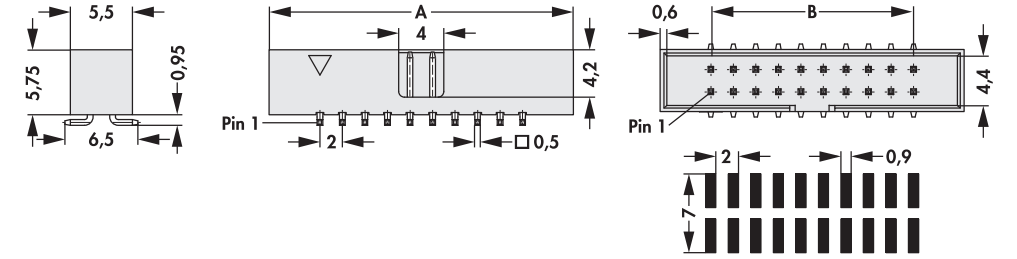
- suitable for female multipoint connector → PVY ...
- they are also combinable with many other ribbon cable female multipoint connectors in grid 2,00 mm
- contacts are available in gold-plated, tin-plating upon request!

				
art. no.	no. of contacts	dim. [mm]		
		A	B	
VSLGY 10 G	10	25.7	8	
VSLGY 20 G	20	35.7	18	
VSLGY 26 G	26	41.7	24	
VSLGY 40 G	40	55.7	38	
VSLGY 44 G	44	59.7	42	
VSLGY 50 G	50	65.7	48	

Shroud-male header

SMD, two rows, shrouded

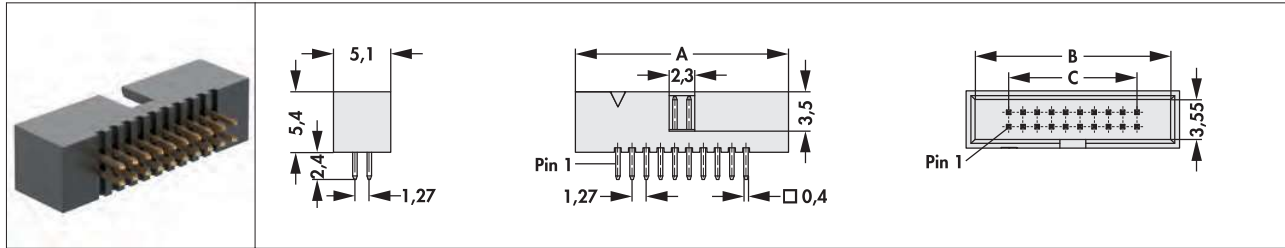
- suitable for female multipoint connector → PVY ...
- they are also combinable with many other ribbon cable female multipoint connectors in grid 2,00 mm
- contacts are available in gold-plated, tin-plating upon request!

			
art. no.	no. of contacts	dim. [mm]	
ASLY 10 SMD G	10	A	B
ASLY 20 SMD G	20	17	8
ASLY 26 SMD G	26	27	18
ASLY 40 SMD G	40	33	24
ASLY 44 SMD G	44	47	38
ASLY 50 SMD G	50	51	42
		57	48

Shroud-male header

Straight, two rows, shrouded

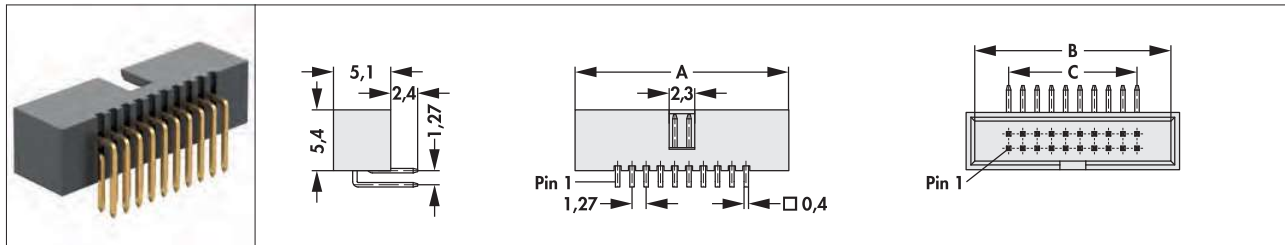
- suitable for female multipoint connector → **PVV ...**
- they are also combinable with many other ribbon cable female multipoint connectors in grid 1,27 mm
- contacts are available in gold-plated, tin-plating upon request!



art. no.	no. of contacts	dim. [mm]		
		A	B	C
ASLGV 10 G	10	12.65	11.10	5.08
ASLGV 20 G	20	19.00	17.45	11.43
ASLGV 26 G	26	22.80	21.25	15.24
ASLGV 40 G	40	31.70	30.15	24.13

Angled, two rows, shrouded

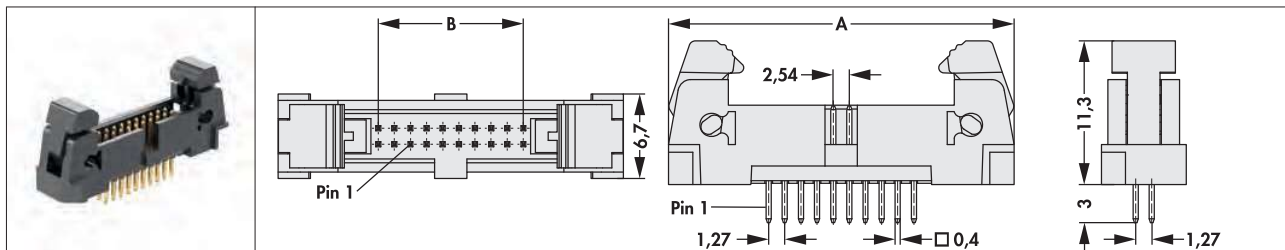
- suitable for female multipoint connector → **PVV ...**
- they are also combinable with many other ribbon cable female multipoint connectors in grid 1,27 mm
- contacts are available in gold-plated, tin-plating upon request!



art. no.	no. of contacts	dim. [mm]		
		A	B	C
ASLAV 10 G	10	12.65	11.10	5.08
ASLAV 20 G	20	19.00	17.45	11.43
ASLAV 26 G	26	22.80	21.25	15.24
ASLAV 40 G	40	31.70	30.15	24.13

Straight, two rows, shrouded and with lock

- suitable for female multipoint connector → **PVV ...**
- they are also combinable with many other ribbon cable female multipoint connectors in grid 1,27 mm
- contacts are available in gold-plated, tin-plating upon request!

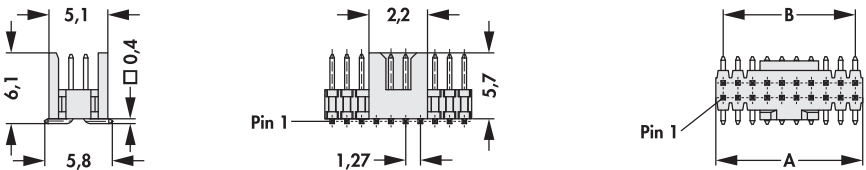


art. no.	no. of contacts	dim. [mm]	
		A	B
VSLGV 10 G	10	20.83	5.08
VSLGV 20 G	20	27.18	11.43
VSLGV 26 G	26	30.89	15.24
VSLGV 40 G	40	39.88	24.13

Shroud-male header

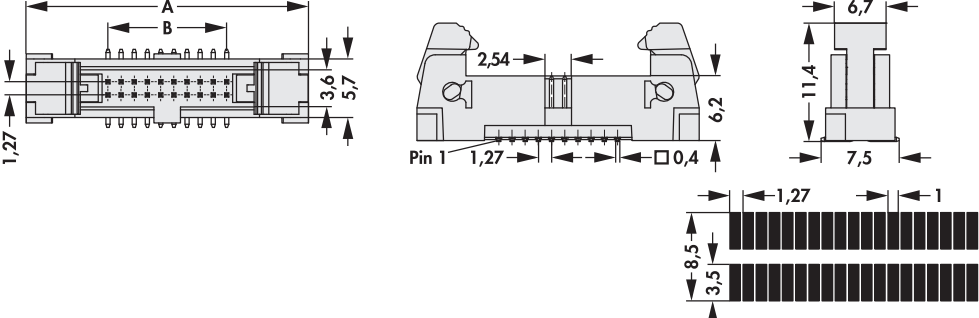
SMD, two rows, shrouded

- suitable for female multipoint connector → PVV ...
- they are also combinable with many other ribbon cable female multipoint connectors in grid 1,27 mm
- contacts are available in gold-plated, tin-plating upon request!

			
art. no.	no. of contacts	dim. [mm]	
ASLV 10 SMD G	10	A	B
ASLV 20 SMD G	20	6.35	5.08
ASLV 26 SMD G	26	12.70	11.43
ASLV 40 SMD G	40	16.51	15.24
		25.40	24.13

SMD, two rows, shrouded and with lock

- suitable for female multipoint connector → PVV ...
- they are also combinable with many other ribbon cable female multipoint connectors in grid 1,27 mm
- contacts are available in gold-plated, tin-plating upon request!

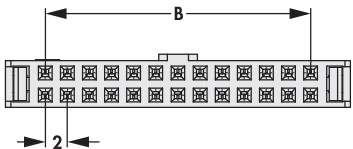
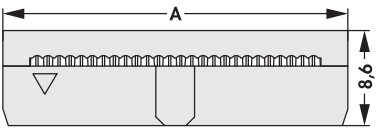
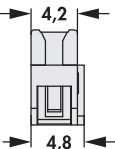
			
art. no.	no. of contacts	dim. [mm]	
VSLV 10 SMD G	10	A	B
VSLV 20 SMD G	20	20.83	5.08
VSLV 26 SMD G	26	27.18	11.43
VSLV 40 SMD G	40	30.89	15.24
		39.88	24.13

Female connector

- B
- Two rows

– Suitable for **ASLGY ...**, **ASLY ... SMD** and **VSLGY ...**

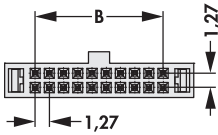
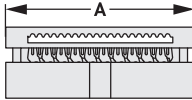
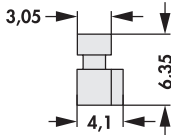
– Protrusion length of the ribbon cable to the case ≥ 1 mm!

   			
art. no.	no. of contacts	dim. [mm]	
		A	B
PVY 10 S	10	15.2	8
PVY 20 S	20	25.1	18
PVY 26 S	26	31.2	24
PVY 40 S	40	45.3	38
PVY 44 S	44	49.3	42
PVY 50 S	50	55.1	48
surface of contact:		selective gold-plated	
annotation:		IDC-pattern, 1 mm	
recommended connector pins:		□ 0,5 mm	

Female connector

Two rows

- Suitable for **ASLGV ...**, **ASLAV ...**, **VSLGV ...**, **ASLV ... SMD** und **VSLV ... SMD**
- Protrusion length of the ribbon cable to the case ≥ 1 mm!

					
art. no.	no. of contacts	dim. [mm]			
		A		B	
PVV 10 G	10	10.54		5.08	
PVV 20 G	20	16.89		11.43	
PVV 26 G	26	20.70		15.24	
PVV 40 G	40	29.59		24.13	
surface of contact:		gold-plated			
annotation:		IDC-pattern 0.635mm			
recommended connector pins:		□ 0,4 mm			

A

Technical data: IDC-connectors

B

C

D

E

F

G

H

I

K

L

M

N

	ASL ...	ASLGY ..., ASLY ... SMD G, VSLGY ...	ASLAV ..., ASLGV ..., VSLGV ..., VSLV ... SMD G	PVY ... S
surface contact / contact sleeve	Ni+≥0.2μm Au/ Ni +4...8μm Sn	Ni+≥0.2μm Au		contact area: Ni + <0.1μm Au/ con- nection area: Ni +0.5...2.5μm Sn
contact material	CuSn alloy	Cu-alloy		
creepage	≥1,1mm VDE0110			
air gap	≥0,8 mm VDE0110			
nominal current	1 A	1.5 A	1 A	1.5 A
nominal voltage	250V AC insulation group A, according to VDE0110	150 V DC	100 V DC	150 V DC
test voltage	500 V AC		300 V AC	500 V AC
insertion / drawing force				≥0.5 ... ≤1.8N per contact
insulating body material	PPS	PBT		PBT, schwarz
temperature range	-40°C ... +200°C (260°C / 10s)	-40°C ... +105°C (260°C / 10s)		-40°C... +105°C
class of inflammability	UL 94 V-0			
specific insulation resistance	>10 ⁷ Ω·m			>10 ¹⁰ Ω·m

	PW ... G
surface contact / contact sleeve	contact area: Ni+ <0.1µm Au
contact material	Cu-alloy
nominal current	1.5 A
nominal voltage	100 V DC
test voltage	500 V AC
insertion / drawing force	≥0.5 ... ≤1.8N per contact
insulating body material	PBT, schwarz
temperature range	-40°C... +105°C
class of inflammability	UL 94 V-0
specific insulation resistance	>10 ¹⁰ Ω·m