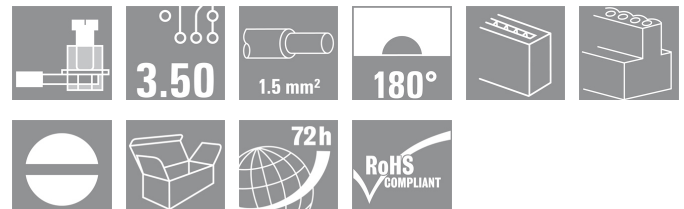
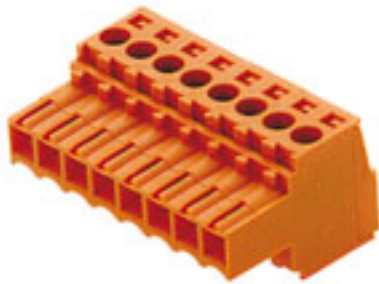


BL/SL 3.50 series
BL 3.50/02/180 SN OR BX

Weidmüller Interface GmbH & Co. KG
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 Fon: +49 5231 14-0
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 www.weidmueller.com



Female connectors with clamping yoke screw system for connecting conductors at 3.50 mm pitch. They include space for labelling and can be coded.

- 0.20 - 1.5 mm² (IEC) / 28 - 14 AWG (UL)
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	1597360000
Type	BL 3.50/02/180 SN OR BX
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box
GTIN (EAN)	4008190435868
Qty.	100 pc(s).
Product data	IEC: 320 V / 17 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 28 - AWG 14
Packaging	Box

Creation date March 25, 2013 4:25:45 PM CET

BL/SL 3.50 series
BL 3.50/02/180 SN OR BX

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Technical data**Dimensions and weights**

Net weight	1.73 g
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System parameters

Product family	BL/SL 3.50 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	2
Number of rows	1	Screwdriver blade	0.4 x 2.5
Screwdriver blade standard	DIN 5264	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Clamping screw	M 2
Stripping length	6 mm	L1 in mm	3.5 mm
L1 in inches	0.138 inch	Touch-safe protection acc. to DIN VDE 0470	IP 20
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Orange
Colour chart (similar)	RAL 2000	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C		

Connectable conductors

Clamping range, rated connection, min.	0.08 mm ²	Clamping range, rated connection, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section AWG, max.	AWG 28
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
Plug gauge acc. to EN 60999 a x b; Ø	2.4 mm x 1.5 mm		

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	17 A	Rated current, max. no. of poles (Tu=20°C)	12 A
Rated current, number of poles (Tu=40°C), min	14.5 A	Rated current, number of poles (Tu=40°C), max.	10 A
Rated voltage for surge voltage class / pollution degree II/2	320 V	Rated voltage for surge voltage class / pollution degree III/2	160 V
Rated voltage for surge voltage class / pollution degree III/3	160 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	2.5 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	2.5 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	2.5 kV
Short-time withstand current resistance	3 x 1s with 100 A		

Data sheet...

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Technical data

CSA rating data

Institute (CSA)



Rated voltage (Use group B)

300 V

Rated current (use group B)	10 A
Rated current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 14

Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 28

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B)	10 A
Rated current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 14

Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 28

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 4.1	27-26-07-01	eClass 5.1	27-26-07-04
eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02

Notes

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Max. outer diameter of the conductor: 2.9 mm
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

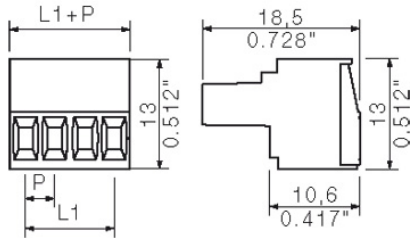
Approvals



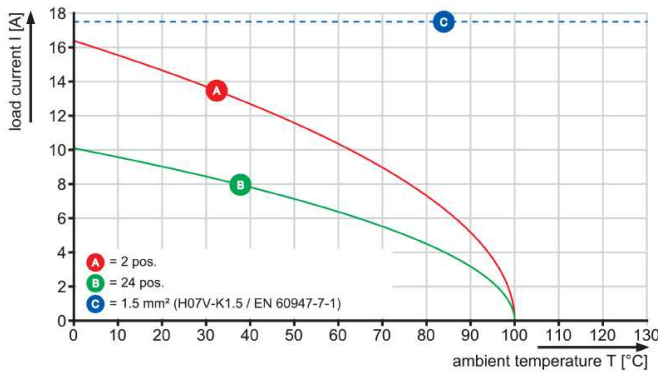
BL/SL 3.50 series
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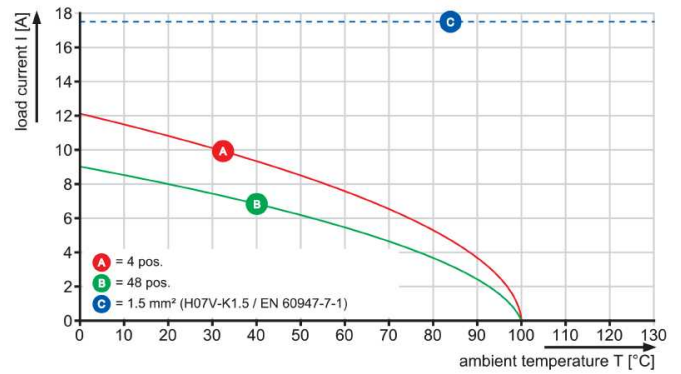
Drawings



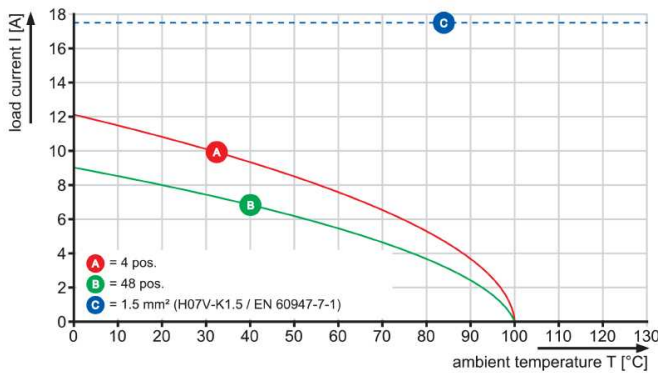
BL 3.50/./180 - SL-SMT 3.50/./90



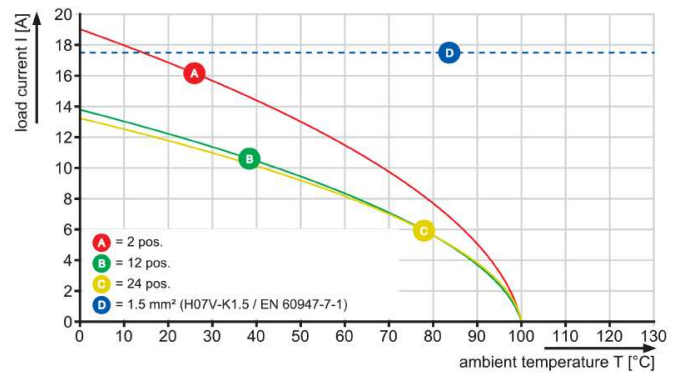
BL 3.50/./180 - SLD 3.50/./90



BL 3.50/./180 - SLD 3.50V/./180



BL 3.50/./180 - SL 3.50/./90



**BL/SL 3.50 series
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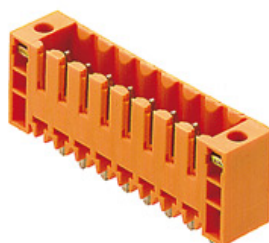
Mating connector (conditionally pluggable)
SL-SMT 3.5/180G Box


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1752982001	SL-SMT 3.50/02/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248130887	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
1842320000	SL-SMT 3.50/02/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353668	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

SL 3.5/180F


Male header with 3.50 mm pitch for wave soldering

- **Plugging direction angled to the PCB (135°)**
- **Housing variant: screw flange (F)**
- **Packaged in cardboard box (BX)**
- **Male header can be coded**

250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

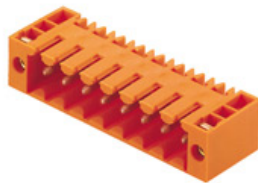
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1607500000	SL 3.50/02/180F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin	4008190180317	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (conditionally pluggable)

length (l): 3.2 mm, tinned,
 Orange, Box

SL 3.5/90F


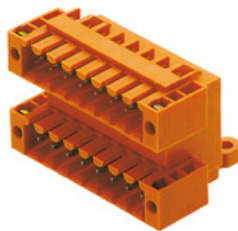
Male header with 3.50 mm pitch for wave soldering

- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1607040000	SL 3.50/02/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190061234	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

SLD 3.5/90F


Two-tier male connector for wave soldering, with 3.50 mm pitch The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

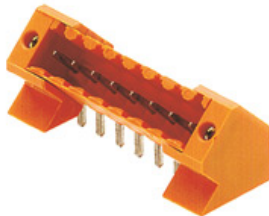
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1633810000	SLD 3.50/04/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190258269	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL 3.5/135F


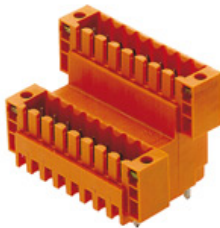
Male header with 3.50 mm pitch for wave soldering

- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1643330000	SL 3.50/02/135F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 2, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190282097	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

SLD 3.5V/180F


Two-tier offset male connector for wave soldering, with 3.50 mm pitch The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1641240000	SLD 3.50 V/04/180F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279646	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL-SMT 3.5/90LF Box


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1841860000	SL-SMT 3.50/02/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353217	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
1804940000	SL-SMT 3.50/02/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268849	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL-SMT 3.5/90F Box


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1842080000	SL-SMT 3.50/02/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353439	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

SL-SMT 3.5/180LF Tape


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1805210000	SL-SMT 3.50/02/180LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 2,	4032248269099	265 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (conditionally pluggable)

180°, Solder pin length (l):
 1.5 mm, tinned, Black, Tape

SL-SMT 3.5/180LF Box

High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1804700000	SL-SMT 3.50/02/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268511	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
1842540000	SL-SMT 3.50/02/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353903	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

BL/SL 3.50 series BL 3.50/02/180 SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/90LF Tape



High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1805310000	SL-SMT 3.50/02/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248269761	385 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

SLD 3.5V/90F



Two-tier offset male connector for wave soldering, with 3.50 mm pitch. The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1642370000	SLD 3.50 V/04/90F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280895	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL-SMT 3.5/180F Box


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1760962001	SL-SMT 3.50/02/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248131532	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
1842770000	SL-SMT 3.50/02/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248354139	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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 Fax: +49 5231 14-292083
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Mating connector (fully pluggable)
SL-SMT 3.5/180G Tape


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1752984002	SL-SMT 3.50/02/180G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248193097	265 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

SL-THR 3.5/135F


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

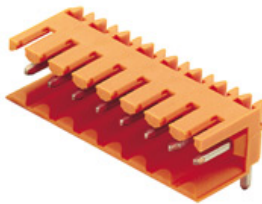
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1003510000	SL-SMT 3.50/02/135F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 2, 135°	4032248700141	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Mating connector (fully pluggable)

Solder pin length (l): 3.2 mm, tinned, Black, Box

SL 3.5/90


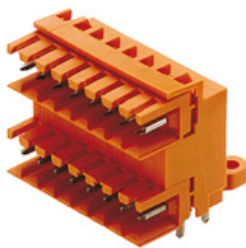
Male header with 3.50 mm pitch for wave soldering

- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1597210000	SL 3.50/02/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190175320	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

SLD 3.5/90


Two-tier male connector for wave soldering, with 3.50 mm pitch The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

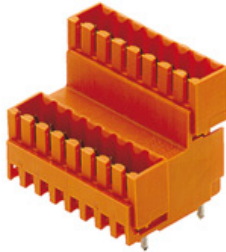
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1633350000	SLD 3.50/04/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190257804	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (fully pluggable)
SLD 3.5V/180G


Two-tier offset male connector for wave soldering, with 3.50 mm pitch. The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1641110000	SLD 3.5 V/4/180G 3.2OR	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279516	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

SL-SMT 3.5/90G Box


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

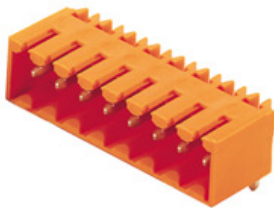
Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1761542001	SL-SMT 3.50/02/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248132034	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
1841630000	SL-SMT 3.50/02/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°	4032248352784	100 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (fully pluggable)

Solder pin length (l): 3.2
 mm, tinned, Black, Box

SL 3.5/90G


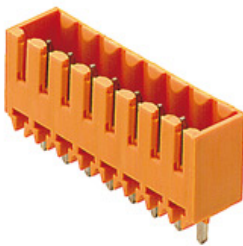
Male header with 3.50 mm pitch for wave soldering

- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1605070000	SL 3.50/02/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190085100	100 pc(s)	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

SL 3.5/180G


Male header with 3.50 mm pitch for wave soldering

- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

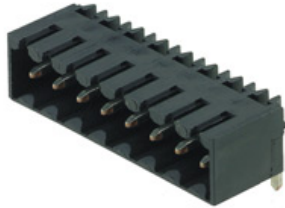
250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1604470000	SL 3.50/02/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190137526	100 pc(s)	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (fully pluggable)
SL-SMT 3.5/90G Tape


High-temperature-resistant male header, 3.50 mm pitch.

- **Plugging direction parallel (90°), straight 180° or angled (135°) to PCB**
- **Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)**
- **Optimised for the SMT process**
- **Pin length 3.2 mm universal for all soldering methods**
- **Pin length 1.5 mm optimised for reflow soldering methods**
- **Packed either in a box (BX) or tape-on-reel (RL)**
- **Male header can be coded**

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1761544002	SL-SMT 3.50/02/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248193325	385 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

SLD 3.5V/90G


Two-tier offset male connector for wave soldering, with 3.50 mm pitch The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

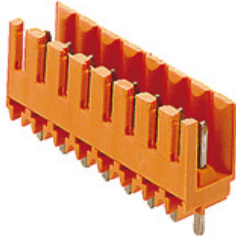
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1642240000	SLD 3.50 V/04/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280758	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**BL/SL 3.50 series
BL 3.50/02/180 SN OR BX**

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Mating connector (fully pluggable)
SL 3.5/180


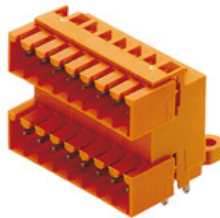
Male header with 3.50 mm pitch for wave soldering

- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1604770000	SL 3.50/02/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190054182	100 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

SLD 3.5/90G


Two-tier male connector for wave soldering, with 3.50 mm pitch The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1633580000	SLD 3.50/04/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190258030	50 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

