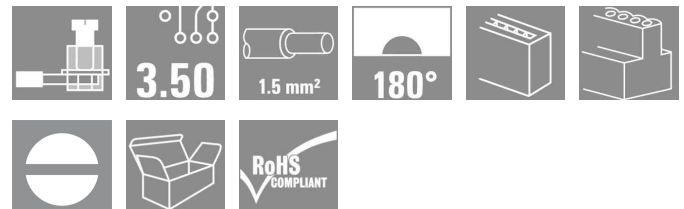


OMNIMATE Signal - series BL/SL 3.50 BL 3.50/20/180 SN BK BX

Weidmüller Interface GmbH & Co. KG
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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

Type	BL 3.50/20/180 SN BK BX
Order No.	1620400000
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 20, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box
GTIN (EAN)	4008190155841
Qty.	20 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 January 6, 2014 5:17:46 PM CET

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX

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Technical data
Dimensions and weights

Net weight 18.65 g

System parameters

Product family		Wire connection method	
OMNIMATE Signal - series BL/SL 3.50		Clamping yoke connection	
Conductor outlet direction	180°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	20
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	66.5 mm	L1 in inches	2.618 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	Black
Colour chart (similar)	RAL 9011	UL 94 flammability rating	V-0
CTI	≥ 200	Contact material	Cu-Leg
Contact surface	tinned		

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

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK 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 voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 28

Wire cross-section, AWG, max. AWG 14

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B) 10 A

Rated voltage (use group D) 300 V

Rated current (use group D) 10 A

Wire cross-section, AWG, min. AWG 28

Wire cross-section, AWG, max. AWG 14

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-04	eClass 6.2	27-26-07-04
eClass 7.1	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



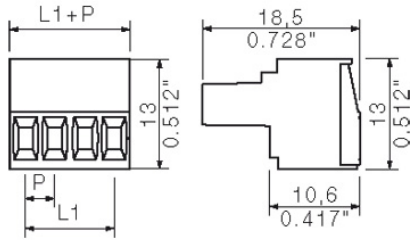
ROHS

Conform

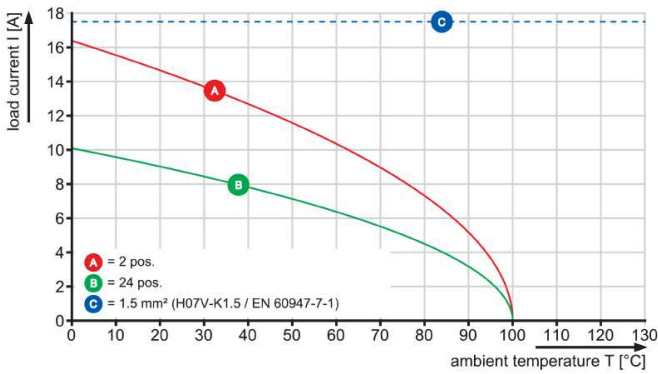
**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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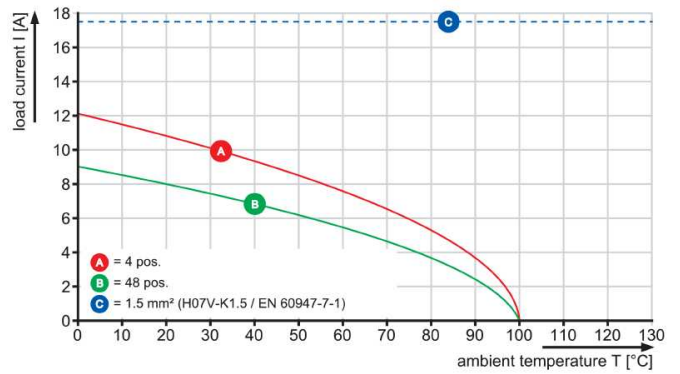
Drawings



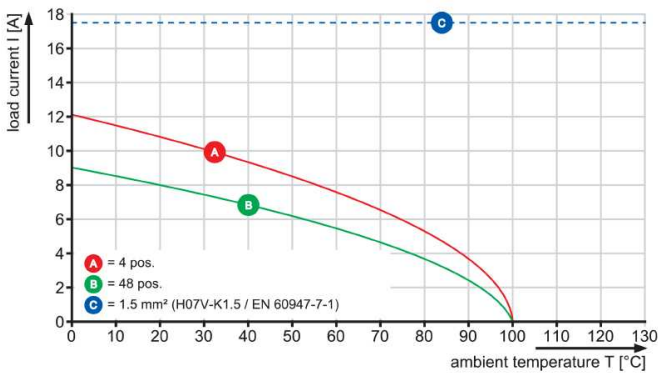
BL 3.50/.../180 - SL-SMT 3.50/.../90



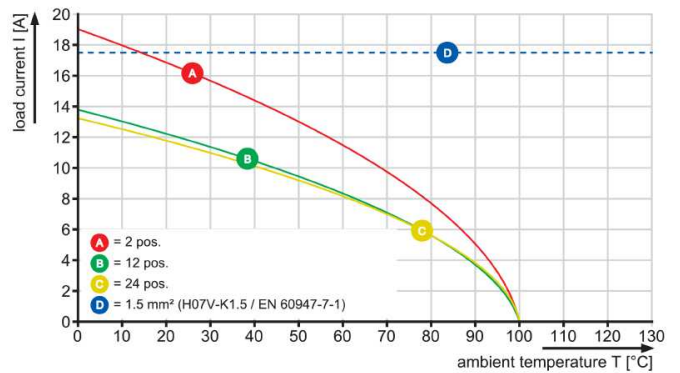
BL 3.50/.../180 - SLD 3.50/.../90



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



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



**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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Mating connector (conditionally pluggable)
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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/20/180LF 1.5SN BK BX	1804890000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268658	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/20/180LF 3.2SN BK BX	1842720000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248354085	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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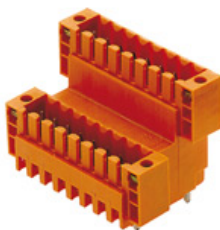
Mating connector (conditionally pluggable)
SL-SMT 3.5/180G Box


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/20/180G 1.5SN BK BX	1753162001	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248131068	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/20/180G 3.2SN BK BX	1842490000	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353842	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

SLD 3.50V/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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD 3.50 V/40/180F 3.2 SN OR BX	1641330000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 40, 180°, Solder	4008190279738	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

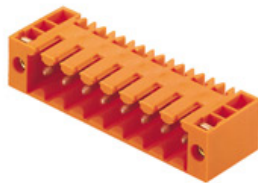
OMNIMATE Signal - series BL/SL 3.50 BL 3.50/20/180 SN BK BX

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Mating connector (conditionally pluggable)

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

SL 3.50/90F



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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 3.50/20/90F 3.2SN OR BX	1619800000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190147549	20 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

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

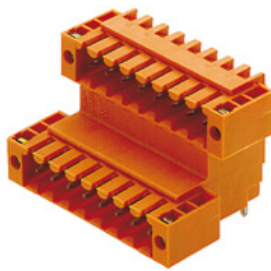
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/20/90LF 3.2SN BK BX	1842030000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353385	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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Mating connector (conditionally pluggable)

SL-SMT 3.50/20/90LF 1.5SN BK BX	1805120000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248269020 20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
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SLD 3.50V/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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD 3.50 V/40/90F 3.2 SN OR BX	1642460000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 40, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280987	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

SL 3.50/135F


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

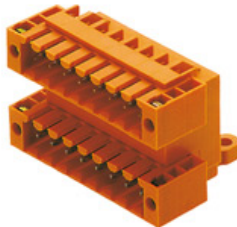
250 V (IEC) / 300 V (UL)
17 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 3.50/20/135F 3.2SN OR BX	1643510000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190282271	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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Mating connector (conditionally pluggable)
SLD 3.50/90F


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD 3.50/40/90F 3.2SN OR BX	1633990000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 40, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190258443	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/20/90F 3.2SN BK BX	1842260000	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353613	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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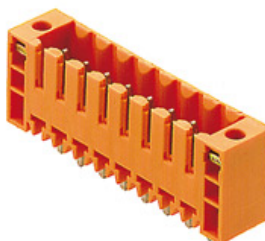
Mating connector (conditionally pluggable)
SL-SMT 3.5/180F Box


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/20/180F 1.5SN BK BX	1761142001	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248131716	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/20/180F 3.2SN BK BX	1842950000	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248354412	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

SL 3.50/180F


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 3.50/20/180F 3.2SN OR BX	1622210000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder	4008190188931	20 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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Mating connector (conditionally pluggable)

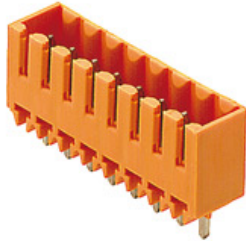
pin length (l): 3.2 mm,
tinned, Orange, Box

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/20/180 SN BK BX

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Mating connector (fully pluggable)

SL 3.50/180G



Male header with 3.50 mm pitch for wave soldering

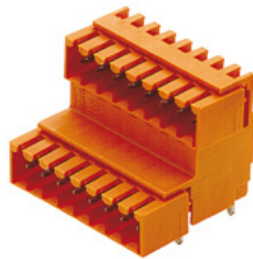
- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 3.50/20/180G 3.2SN OR BX	1621820000	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190181116	20 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

SLD 3.50V/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.

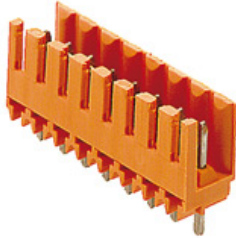
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD 3.50 V/40/90G 3.2 SN OR BX	1642330000	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 40, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280857	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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Mating connector (fully pluggable)
SL 3.50/180


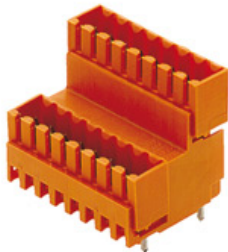
Male header with 3.50 mm pitch for wave soldering

- 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 3.50/20/180 3.2SN OR BX	1621430000	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190172510	20 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box

SLD 3.50V/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.

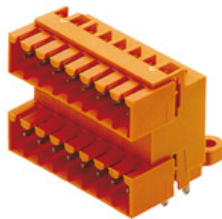
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD 3.5 V/40/180G 3.2OR	1641200000	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 40, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279608	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

Weidmüller Interface GmbH & Co. KG
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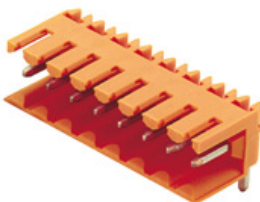
Mating connector (fully pluggable)
SLD 3.50/90G


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1633760000	PCB plug-in connector, male	4008190258214	10 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/40/90G		header, closed side, Solder connection, 3.50 mm, No. of poles: 40, 90°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 8 A	
3.2SN OR BX		Orange, Box				

SL 3.50/90


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1619020000	PCB plug-in connector, male	4008190132262	20 pc(s).	IEC: 320 V / 17 A	Box
3.50/20/90		header, open side, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 10 A	
3.2SN OR BX		Orange, Box				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/20/180 SN BK BX

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Mating connector (fully pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1003700000	PCB plug-in connector, male	4032248700325	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/20/135F		header, Flange, Reflow				
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 20, 135°, Solder pin length (l): 3.2 mm, tinned, Black, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1841810000	PCB plug-in connector, male	4032248353163	20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/20/90G		header, closed side, Reflow				
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 20, 90°				

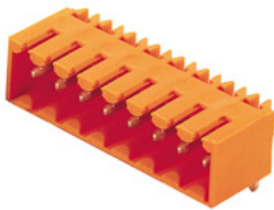
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**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/20/180 SN BK BX**

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Mating connector (fully pluggable)

		Solder pin length (l): 3.2 mm, tinned, Black, Box		
SL-SMT	1761722001	PCB plug-in connector, male	4032248132317 20 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A
3.50/20/90G		header, closed side, Reflow		
1.5SN BK BX		solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box		Box

SL 3.50/90G


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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1619410000	PCB plug-in connector, male	4008190139605	20 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box
3.50/20/90G		header, closed side, Solder				
3.2SN OR BX		connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				