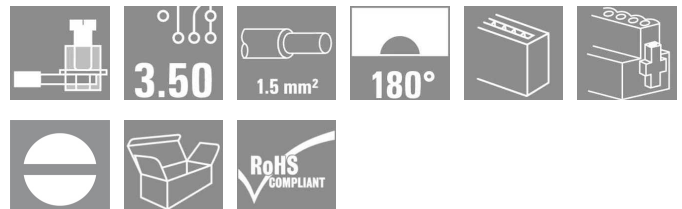


OMNIMATE Signal - series BL/SL 3.50
BL 3.50/14/180F SN BK BX

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 3.50/14/180F SN BK BX
Order No.	1615900000
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 14, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box
GTIN (EAN)	4008190064099
Qty.	50 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 December 24, 2013 8:46:08 AM CET

OMNIMATE Signal - series BL/SL 3.50

BL 3.50/14/180F SN BK BX

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Technical data

Dimensions and weights

Net weight	13.58 g
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System parameters

Product family	OMNIMATE Signal - series BL/SL 3.50	Wire connection method	Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	14
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	45.5 mm	L1 in inches	1.791 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 1 s with 100 A		

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/14/180F 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



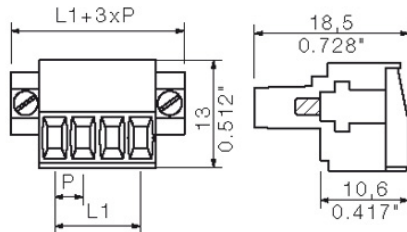
ROHS

Conform

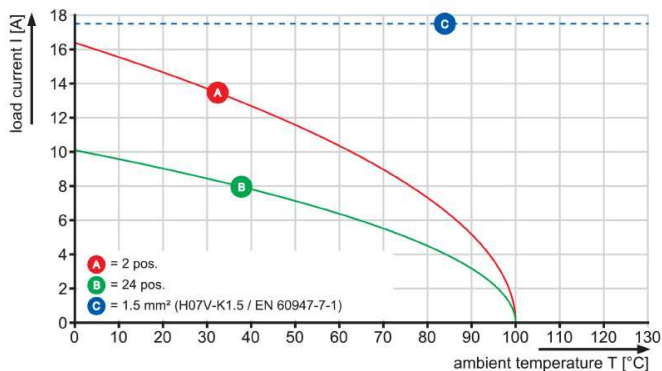
OMNIMATE Signal - series BL/SL 3.50 BL 3.50/14/180F SN BK BX

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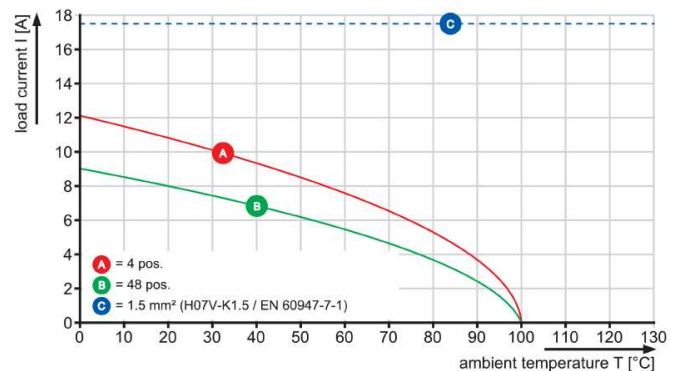
Drawings



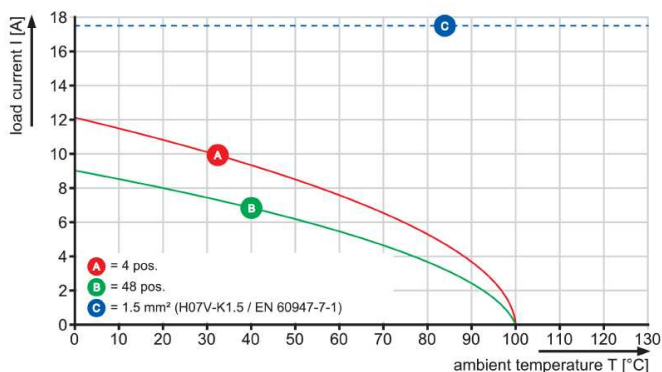
BL 3.50/..180 - SL-SMT 3.50/..90



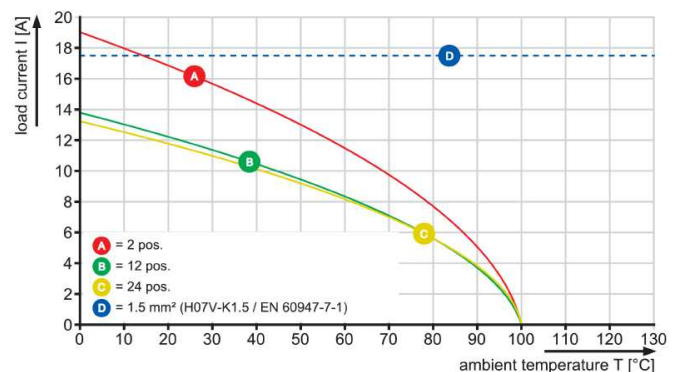
BL 3.50/..180 - SLD 3.50/..90



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



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



OMNIMATE Signal - series BL/SL 3.50 BL 3.50/14/180F SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/180G Box



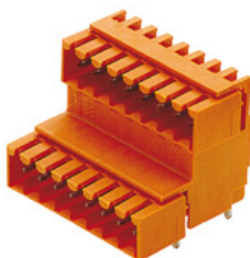
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/14/180G 3.2SN BK BX	1842430000	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353781	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/14/180G 1.5SN BK BX	1753102001	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248131006	50 pc(s).	IEC: 320 V / 15 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/28/90G 3.2 SN OR BX	1642300000	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 28, 90°, Solder pin	4008190280826	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

OMNIMATE Signal - series BL/SL 3.50

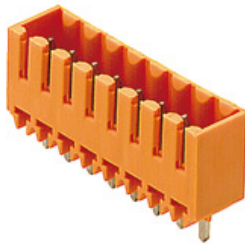
BL 3.50/14/180F SN BK BX

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Mating connector (conditionally pluggable)

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

SL 3.50/180G



Male header with 3.50 mm pitch for wave soldering

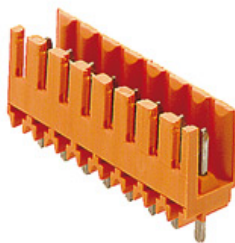
- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

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	1604590000	PCB plug-in connector,	4008190041465	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/14/180G		male header, closed side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

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	1604890000	PCB plug-in connector,	4008190025595	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/14/180		male header, open side,			UL: 300 V / 10 A	
3.2SN OR BX		Solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

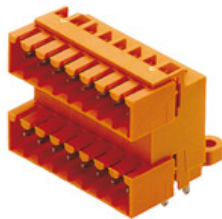
OMNIMATE Signal - series BL/SL 3.50

BL 3.50/14/180F SN BK BX

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Mating connector (conditionally pluggable)

SLD 3.50/90G



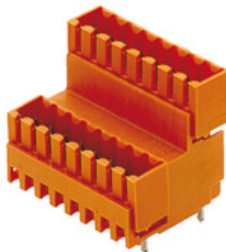
Two-tier male connector for wave soldering, with 3.50 mm pitch The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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	1633700000	PCB plug-in connector, male	4008190258153	10 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/28/90G		header, closed side, Solder connection, 3.50 mm, No. of poles: 28, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 8 A	
3.2SN OR BX						

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	1641170000	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 28, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279578	10 pc(s).	IEC: 200 V / 10.5 A	Box
V/28/180G					UL: 300 V / 8 A	
3.2OR						

OMNIMATE Signal - series BL/SL 3.50

BL 3.50/14/180F SN BK BX

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Mating connector (conditionally pluggable)

SL-THR 3.5/135F



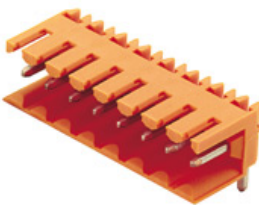
High-temperature-resistant male header, 3.50 mm pitch.

- **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	1003640000	PCB plug-in connector, male	4032248700264	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/14/135F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 14, 135°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1597330000	PCB plug-in connector, male	4008190129903	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/14/90		header, open side, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No. of poles: 14, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/14/180F SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/90G Box



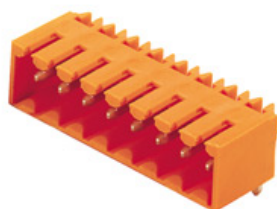
High-temperature-resistant male header, 3.50 mm pitch.

- **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	1761662001	PCB plug-in connector, male	4032248132256	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/14/90G		header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 14, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1841750000	PCB plug-in connector, male	4032248353101	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/14/90G		header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 14, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
3.2SN BK BX						

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	1605190000	PCB plug-in connector, male	4008190097318	50 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box
3.50/14/90G		header, closed side, Solder connection, 3.50 mm, No. of poles: 14, 90°, Solder pin				
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/14/180F SN BK BX

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Mating connector (conditionally pluggable)

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

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/14/180F SN BK BX

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Mating connector (fully pluggable)

SL-SMT 3.5/180LF Box



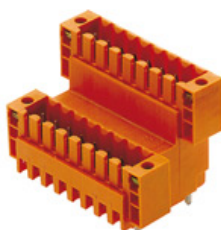
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/14/180LF 1.5SN BK BX	1804820000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268597	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/14/180LF 3.2SN BK BX	1842660000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248354023	50 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/28/180F 3.2 SN OR BX	1641300000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 28, 180°, Solder	4008190279707	10 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

OMNIMATE Signal - series BL/SL 3.50

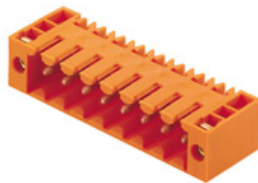
BL 3.50/14/180F SN BK BX

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Mating connector (fully 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	1607160000	PCB plug-in connector,	4008190003340	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/14/90F		male header, Flange, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 14, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, 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	1805060000	PCB plug-in connector,	4032248268962	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/14/90LF		male header, Solder flange,			UL: 300 V / 10 A	
1.5SN BK BX		Reflow solder connection,				
		3.50 mm, No. of poles: 14,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 3.50

BL 3.50/14/180F SN BK BX

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 www.weidmuller.com

Mating connector (fully pluggable)

SL-SMT 3.50/14/90LF 3.2SN BK BX	1841970000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 14, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353323 50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
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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 3.50/14/135F 3.2SN OR BX	1643450000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 14, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190282219 50 pc(s).		IEC: 320 V / 15 A UL: 300 V / 10 A	Box

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/28/90F 3.2 SN OR BX	1642430000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 28, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190280956 10 pc(s).		IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

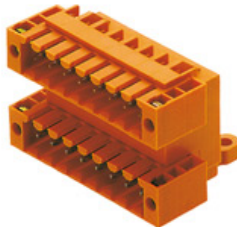
OMNIMATE Signal - series BL/SL 3.50

BL 3.50/14/180F SN BK BX

Weidmüller Interface GmbH & Co. KG
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Mating connector (fully pluggable)

SLD 3.50/90F



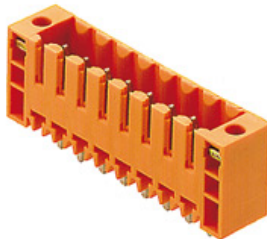
Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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	1633930000	PCB plug-in connector,	4008190258382	10 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/28/90F		male header, Flange, Solder			UL: 300 V / 8 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 28, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, 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	1607620000	PCB plug-in connector,	4008190055196	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/14/180F		male header, Flange, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 14, 180°, Solder				
		pin length (l): 3.2 mm,				
		tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 3.50

BL 3.50/14/180F SN BK BX

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Mating connector (fully pluggable)

SL-SMT 3.5/90F Box



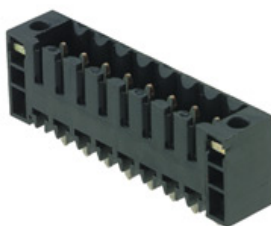
High-temperature-resistant male header, 3.50 mm pitch.

- **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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1842200000	PCB plug-in connector, male	4032248353552	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/14/90F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 14, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

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	1842890000	PCB plug-in connector, male	4032248354351	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/14/180F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 14, 180°,				

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/14/180F SN BK BX**Weidmüller Interface GmbH & Co. KG**

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Mating connector (fully pluggable)

		Solder pin length (l): 3.2 mm, tinned, Black, Box		
SL-SMT	1761082001	PCB plug-in connector, male	4032248131655 50 pc(s).	IEC: 320 V / 15 A
3.50/14/180F		header, Flange, Reflow		UL: 300 V / 10 A
1.5SN BK BX		solder connection, 3.50 mm, No. of poles: 14, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box		Box