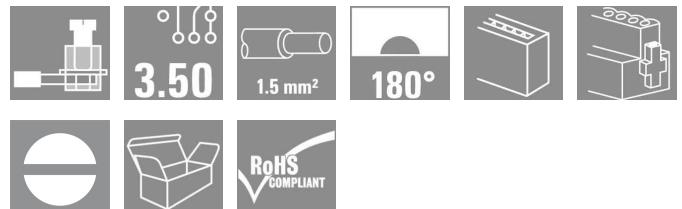


OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/180F SN BK BX

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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 3.50/08/180F SN BK BX
Order No.	1615840000
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 8, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box
GTIN (EAN)	4008190063047
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 25, 2013 12:42:57 PM CET

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/180F SN BK BX

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Technical data

Dimensions and weights

Net weight	8.2 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	8
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	24.5 mm	L1 in inches	0.965 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 3.50/08/180F 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



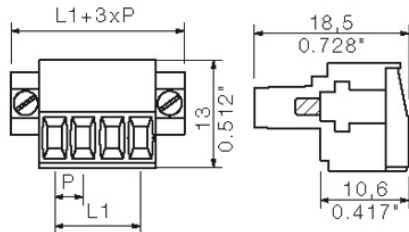
ROHS

Conform

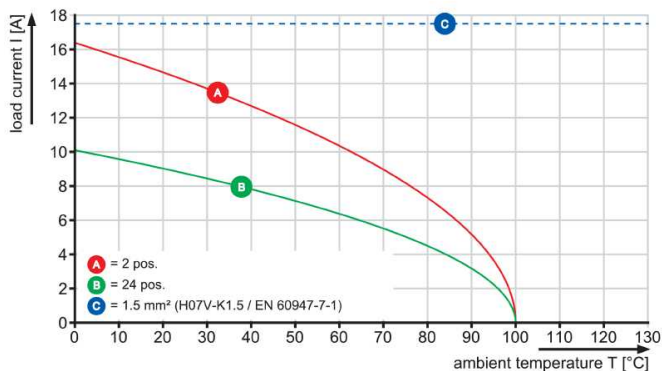
OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/180F SN BK BX

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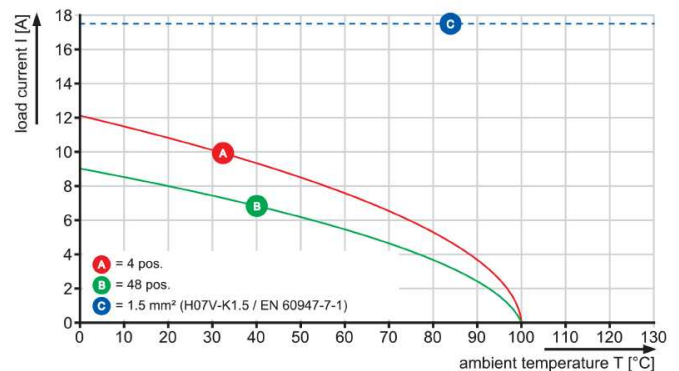
Drawings



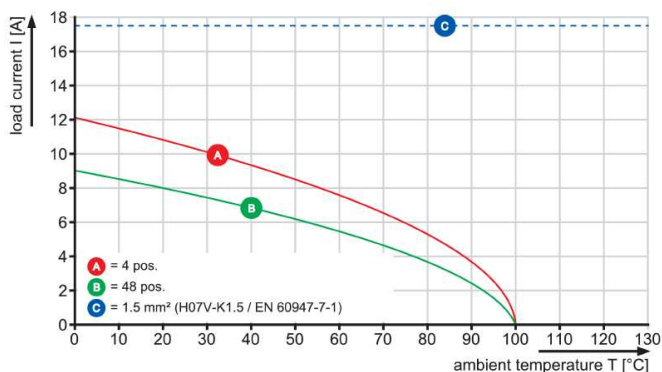
BL 3.50/./180 - SL-SMT 3.50/./90



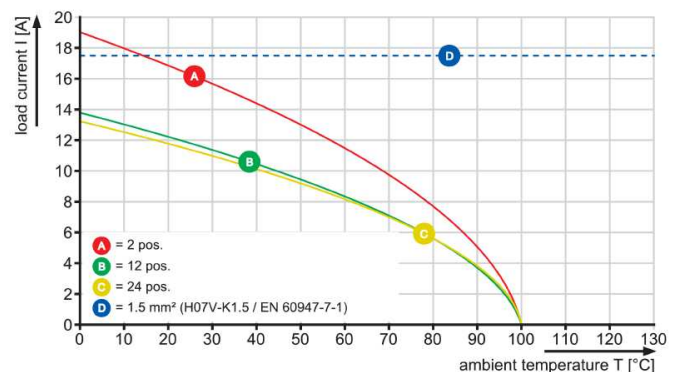
BL 3.50/./180 - SLD 3.50/./90



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



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



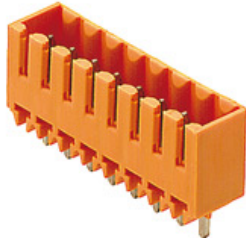
OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/180F SN BK BX

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Mating connector (conditionally pluggable)

SL 3.50/180G



Male header with 3.50 mm pitch for wave soldering

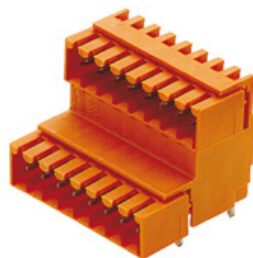
- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

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	1604530000	PCB plug-in connector, male	4008190090975	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/08/180G		header, closed side, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 8, 180°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, 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	1642270000	PCB plug-in connector, male	4008190280796	20 pc(s).	IEC: 200 V / 10.5 A	Box
V/16/90G 3.2		header, closed side, Solder			UL: 300 V / 8 A	
SN OR BX		connection, 3.50 mm, No.				
		of poles: 16, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, Box				

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/180F SN BK BX**

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Mating connector (conditionally 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1753044001	PCB plug-in connector, male	4032248135646	265 pc(s).	IEC: 320 V / 15 A	Tape
3.50/08/180G		header, closed side, Reflow			UL: 300 V / 10 A	
1.5SN BK RL		solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1761604001	PCB plug-in connector, male	4032248136049	385 pc(s).	IEC: 320 V / 15 A	Tape
3.50/08/90G		header, closed side, Reflow			UL: 300 V / 10 A	
1.5SN BK RL		solder connection, 3.50 mm, No. of poles: 8, 90°				

OMNIMATE Signal - series BL/SL 3.50

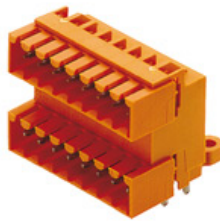
BL 3.50/08/180F SN BK BX

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Mating connector (conditionally pluggable)

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

SLD 3.50/90G



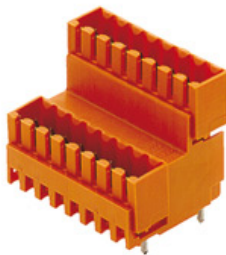
Two-tier male connector for wave soldering, with 3.50 mm pitch The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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	1633640000	PCB plug-in connector, male	4008190258092	20 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/16/90G		header, closed side, Solder connection, 3.50 mm, No. of poles: 16, 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	1641140000	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190279547	20 pc(s).	IEC: 200 V / 10.5 A	Box
V/16/180G					UL: 300 V / 8 A	
3.2OR						

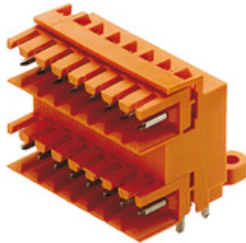
OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/180F SN BK BX

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Mating connector (conditionally pluggable)

SLD 3.50/90



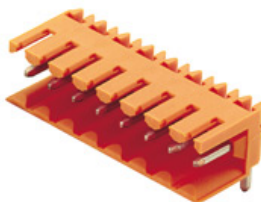
Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1633410000	PCB plug-in connector, male	4008190257866	20 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/16/90		header, open side, Solder connection, 3.50 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 8 A	
3.2SN OR BX						

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	1597270000	PCB plug-in connector, male	4008190042431	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/08/90		header, open side, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 10 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/180F 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	1003570000	PCB plug-in connector, male	4032248700196	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/135F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 8, 135°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

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	1753042001	PCB plug-in connector, male	4032248130948	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/180G		header, closed side, Reflow			UL: 300 V / 10 A	
1.5SN BK BX		solder connection, 3.50 mm, No. of poles: 8, 180°,				

OMNIMATE Signal - series BL/SL 3.50

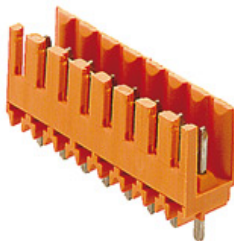
BL 3.50/08/180F SN BK BX

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Mating connector (conditionally pluggable)

		Solder pin length (l): 1.5 mm, tinned, Black, Box		
SL-SMT	1842380000	PCB plug-in connector, male	4032248353736 50 pc(s).	IEC: 320 V / 15 A
3.50/08/180G		header, closed side, Reflow		UL: 300 V / 10 A
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, 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	1604830000	PCB plug-in connector, male	4008190170684 50 pc(s).		IEC: 320 V / 17 A	Box
3.50/08/180		header, open side, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/180F SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/90G Box



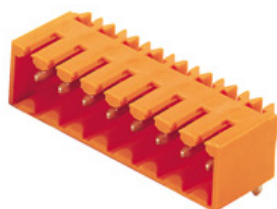
High-temperature-resistant male header, 3.50 mm pitch.

- **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	1761602001	PCB plug-in connector, male	4032248132096	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/08/90G		header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1841690000	PCB plug-in connector, male	4032248353040	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/08/90G		header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 8, 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	1605130000	PCB plug-in connector, male	4008190172022	50 pc(s).	IEC: 320 V / 17 A UL: 300 V / 10 A	Box
3.50/08/90G		header, closed side, Solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin				
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/180F 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 3.50/08/180F SN BK BX

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Mating connector (fully pluggable)

SL-SMT 3.5/180LF Box



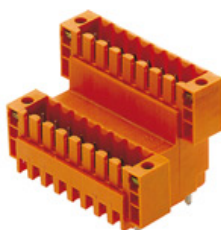
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/08/180LF 3.2SN BK BX	1842600000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353965	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/08/180LF 1.5SN BK BX	1804760000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268542	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/16/180F 3.2 SN OR BX	1641270000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 16, 180°, Solder	4008190279677	20 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

OMNIMATE Signal - series BL/SL 3.50

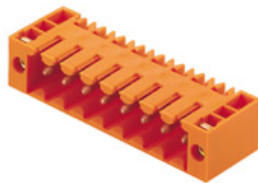
BL 3.50/08/180F SN BK BX

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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	1607100000	PCB plug-in connector,	4008190157661	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/08/90F		male header, Flange, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 8, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1805370000	Product is similar to	4032248269723	385 pc(s).	IEC: 320 V / 15 A	Tape
3.50/08/90LF		illustration			UL: 300 V / 10 A	
1.5SN BK RL						

**OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/180F SN BK BX**

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Mating connector (fully 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/08/90LF 1.5SN BK BX	1805000000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248268900	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
SL-SMT 3.50/08/90LF 3.2SN BK BX	1841920000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248353279	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/16/90F 3.2 SN OR BX	1642400000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 16, 90°, Solder pin	4008190280925	20 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box

OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/180F SN BK BX

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Mating connector (fully pluggable)

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

SL 3.50/135F



Male header with 3.50 mm pitch for wave soldering

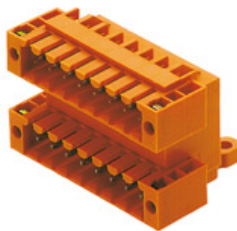
- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

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	1643390000	PCB plug-in connector,	4008190282158	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/135F		male header, Flange, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 8, 135°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, Box				

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

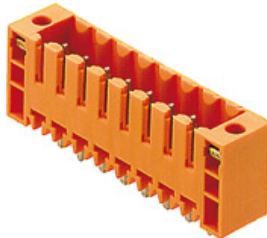
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1633870000	PCB plug-in connector,	4008190258320	20 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/16/90F		male header, Flange, Solder			UL: 300 V / 8 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 16, 90°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, Box				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/180F SN BK BX

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Mating connector (fully pluggable)

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	1607560000	PCB plug-in connector,	4008190025151	50 pc(s).	IEC: 320 V / 17 A	Box
3.50/08/180F		male header, Flange, Solder			UL: 300 V / 10 A	
3.2SN OR BX		connection, 3.50 mm, No.				
		of poles: 8, 180°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Orange, 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	1761022001	PCB plug-in connector, male	4032248131594	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/180F		header, Flange, Reflow			UL: 300 V / 10 A	
1.5SN BK BX		solder connection, 3.50				
		mm, No. of poles: 8, 180°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1842830000	PCB plug-in connector, male	4032248354191	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/180F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 3.50				
		mm, No. of poles: 8, 180°,				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/180F SN BK BX

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Mating connector (fully pluggable)

SL-SMT 3.50/08/180F 1.5SN BK RL	1761024001	Solder pin length (l): 3.2 mm, tinned, Black, Box	PCB plug-in connector, male4032248135851 265 pc(s). header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

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	1842140000	PCB plug-in connector, male	4032248353491	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/08/90F		header, Flange, Reflow				
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/180F SN BK BX

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Mating connector (fully pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1805290000	PCB plug-in connector,	4032248269556	265 pc(s).	IEC: 320 V / 15 A	Tape
3.50/08/180LF		male header, Solder flange,			UL: 300 V / 10 A	
1.5SN BK RL		Reflow solder connection,				
		3.50 mm, No. of poles: 8,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				