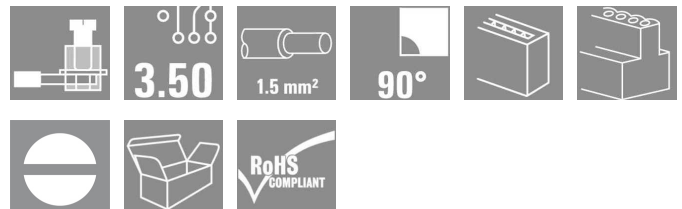


OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/90 SN BK BX

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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 3.50/08/90 SN BK BX
Order No.	1638840000
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 8, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box
GTIN (EAN)	4008190276386
Qty.	50 pc(s).
Product data	IEC: 320 V / 12 A / 0.2 - 1.5 mm ² UL: 300 V / 8 A / AWG 28 - AWG 14
Packaging	Box

Creation date January 20, 2014 1:08:31 AM CET

OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/90 SN BK BX

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Technical data

Dimensions and weights

Net weight	8.04 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	90°	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 (T _u =20°C)	12 A	Rated current, max. no. of poles (T _u =20°C)	10 A
Rated current, number of poles (T _u =40°C), min	10 A	Rated current, number of poles (T _u =40°C), max.	8 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 3.50/08/90 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) 8 A

Rated voltage (use group D) 300 V

Rated current (use group D) 8 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



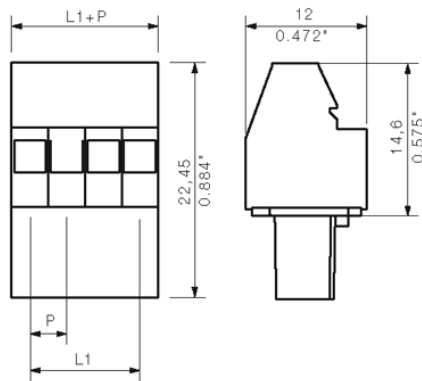
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Conform

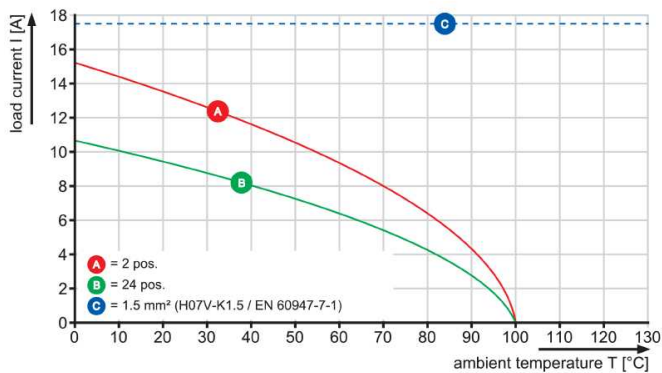
OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/90 SN BK BX

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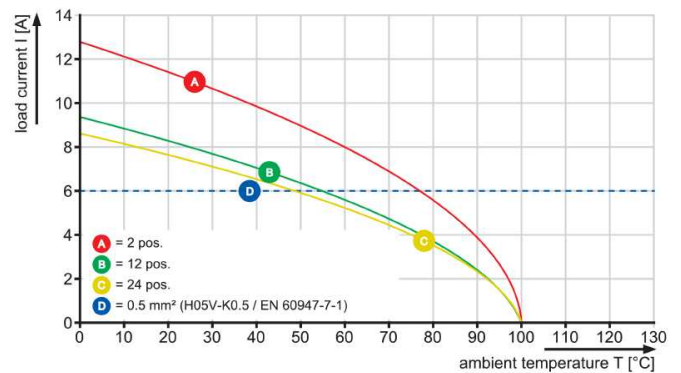
Drawings



BL 3.50/..90 & /270 - SL 3.50/..90



BL 3.50/..90 & /270 - SL 3.50/..90



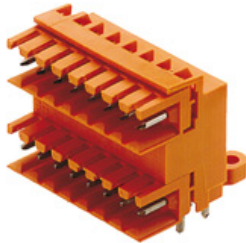
OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/90 SN BK BX

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Mating connector (fully pluggable)

SLD 3.50/90



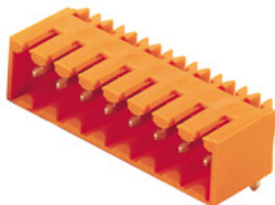
Two-tier male connector for wave soldering, with 3.50 mm pitch. The male connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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 3.50/90G



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	Box
3.50/08/90G		header, closed 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						

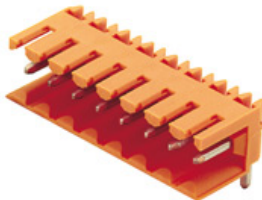
OMNIMATE Signal - series BL/SL 3.50

BL 3.50/08/90 SN BK BX

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Mating connector (fully pluggable)

SL 3.50/90



Male header with 3.50 mm pitch for wave soldering

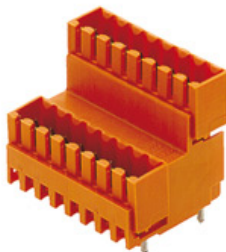
- Plugging direction angled to the PCB (135°)
- Housing variant: screw flange (F)
- Packaged in cardboard box (BX)
- Male header can be coded

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			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				

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,	4008190279547	20 pc(s).	IEC: 200 V / 10.5 A	Box
V/16/180G		Solder connection, 3.50 mm, No. of poles: 16, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 8 A	
3.2OR						

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/90 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 3.5/90G Box



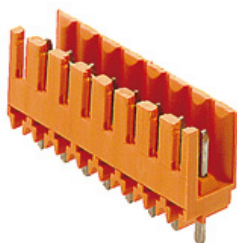
High-temperature-resistant male header, 3.50 mm pitch.

- **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				
1.5SN BK BX						
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 3.50/180



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 UL: 300 V / 10 A	Box
3.50/08/180		header, open side, Solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin				
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 3.50

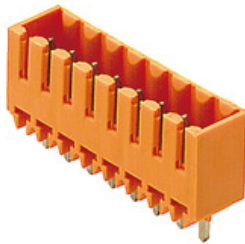
BL 3.50/08/90 SN BK BX

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Mating connector (fully 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	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				

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 3.50/08/90 SN BK BX

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Mating connector (fully pluggable)

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

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				

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 3.50/08/90 SN BK BX

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Mating connector (fully pluggable)

SL-THR 3.5/135F



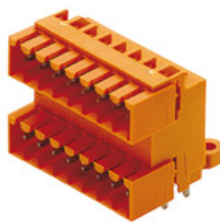
High-temperature-resistant male header, 3.50 mm pitch.

- **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	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				

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

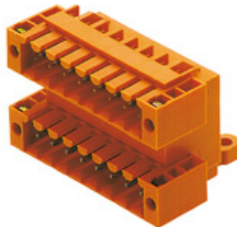
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1633640000	PCB plug-in connector, male	4008190258092	20 pc(s).	IEC: 200 V / 10.5 A	Box
3.50/16/90G		header, closed side, Solder connection, 3.50 mm, No. of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 8 A	
3.2SN OR BX						

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/90 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	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				

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	1805000000	PCB plug-in connector,	4032248268900	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/90LF		male header, Solder flange,			UL: 300 V / 10 A	
1.5SN BK BX		Reflow solder connection,				
		3.50 mm, No. of poles: 8,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				
SL-SMT	1841920000	PCB plug-in connector,	4032248353279	50 pc(s).	IEC: 320 V / 15 A	Box
3.50/08/90LF		male header, Solder flange,			UL: 300 V / 10 A	
3.2SN BK BX		Reflow solder connection,				
		3.50 mm, No. of poles: 8,				

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/90 SN BK BX

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Mating connector (conditionally pluggable)

90°, Solder pin length (l):
 3.2 mm, tinned, Black, Box

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 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
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

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/90 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

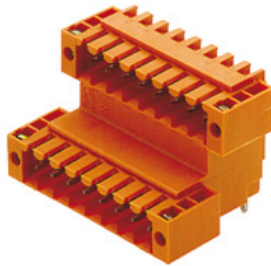
Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1761024001	PCB plug-in connector, male	4032248135851	265 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape
3.50/08/180F		header, Flange, Reflow				
1.5SN BK RL		solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				
SL-SMT	1842830000	PCB plug-in connector, male	4032248354191	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/08/180F		header, Flange, Reflow				
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-SMT	1761022001	PCB plug-in connector, male	4032248131594	50 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
3.50/08/180F		header, Flange, Reflow				
1.5SN BK BX		solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/90 SN BK BX

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Mating connector (conditionally pluggable)

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 length (l): 3.2 mm, tinned, Orange, Box	4008190280925	20 pc(s).	IEC: 200 V / 10.5 A UL: 300 V / 8 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 3.50/08/180LF 1.5SN BK RL	1805290000	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, Tape	4032248269556	265 pc(s).	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape

OMNIMATE Signal - series BL/SL 3.50 BL 3.50/08/90 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/90LF Tape



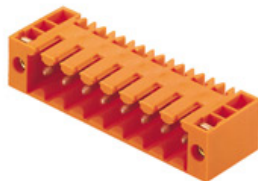
High-temperature-resistant male header, 3.50 mm pitch.

- **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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1805370000	PCB plug-in connector,	4032248269723	385 pc(s).	IEC: 320 V / 15 A	Tape
3.50/08/90LF		male header, Solder flange,			UL: 300 V / 10 A	
1.5SN BK RL		Reflow solder connection,				
		3.50 mm, No. of poles: 8,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

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				

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/90 SN BK 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

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	Box
3.50/08/90F		header, Flange, Reflow			UL: 300 V / 10 A	
3.2SN BK BX		solder connection, 3.50 mm, No. of poles: 8, 90°, 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	1842380000	PCB plug-in connector, male	4032248353736	50 pc(s).	IEC: 320 V / 15 A	Box
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°,				

OMNIMATE Signal - series BL/SL 3.50

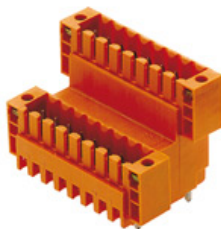
BL 3.50/08/90 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 3.50/08/180G 1.5SN BK BX	1753042001	Solder pin length (l): 3.2 mm, tinned, Black, Box	PCB plug-in connector, male4032248130948 50 pc(s). header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box

SLD 3.50V/180F



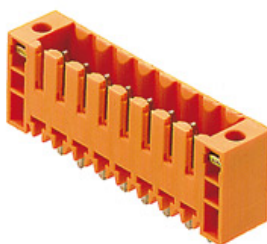
Two-tier offset male connector for wave soldering, with 3.50 mm pitch The male connector is available in closed and flange versions. The male connectors provide space for labelling and can be coded.

- 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 pin length (l): 3.2 mm, tinned, Orange, Box	4008190279677 20 pc(s).		IEC: 200 V / 10.5 A UL: 300 V / 8 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

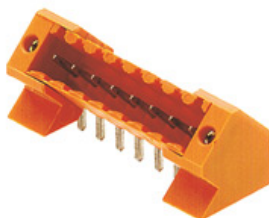
250 V (IEC) / 300 V (UL)
 17 A (IEC) / 10 A (UL)

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL 3.50/08/180F 3.2SN OR BX	1607560000	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	4008190025151 50 pc(s).		IEC: 320 V / 17 A UL: 300 V / 10 A	Box

OMNIMATE Signal - series BL/SL 3.50
BL 3.50/08/90 SN BK BX

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Mating connector (conditionally pluggable)
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,	400819028215850	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				