

BL/SL 3.50 series
BL 3.50/10/180 SN BK BX
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

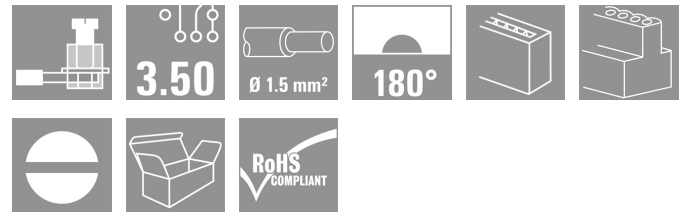
D-32758 Detmold

Germany

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www.weidmueller.com



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

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

General ordering data

Order No.	1610200000
Type	BL 3.50/10/180 SN BK BX
Version	PCB plug-in connector, female plug, 3.50 mm, No. of poles: 10, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 1.5 mm ² , Box
Product data	IEC: 320 V / 17 A / 0.2 - 1.5 mm ² UL: 300 V / 10 A / AWG 28 - AWG 14
GTIN (EAN)	4008190126940
Packaging	Box
Qty.	50 pc(s).

Creation date May 14, 2012 5:00:53 PM CEST

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Technical data**System parameters**

Product family	BL/SL 3.50 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°	Pitch in mm (P)	3.5 mm
Pitch in inches (P)	0.138 inch	No. of poles	10
Number of rows	1	Screwdriver blade	0.4 x 2.5
Screwdriver blade standard	DIN 5264	Tightening torque, min.	0.2 Nm
Tightening torque, max.	0.25 Nm	Clamping screw	M 2
Stripping length	6 mm	L1 in mm	31.5 mm
L1 in inches	1.24 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 to RAL 9011	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Continuous operating temp., min.	-25 °C
Continuous operating temp., max.	100 °C		


Connectable conductors

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

DIN IEC rating data

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

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		

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Technical data

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 4.1	27-26-07-01	eClass 5.1	27-26-07-04
eClass 6.0	27-26-07-04	eClass 7.0	27-44-04-02

Notes

- Notes
- Additional colours on request
 - Gold-plated contact surfaces on request
 - Rated current related to rated cross-section and min. No. of poles.
 - Max. O.D. of 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 drg. = 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.

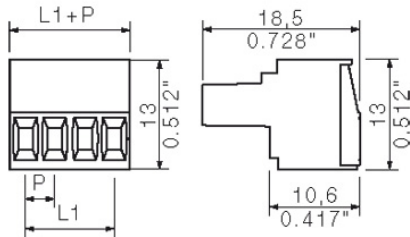
Approvals



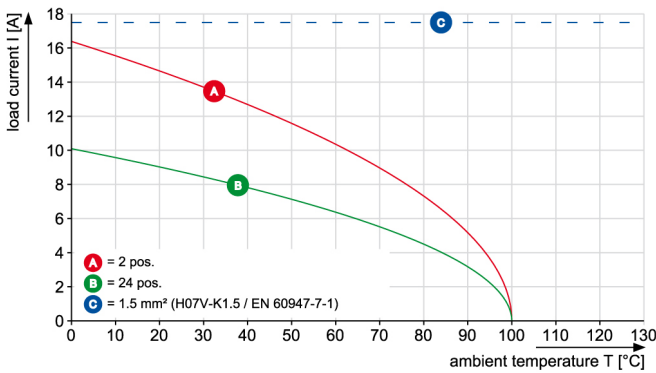
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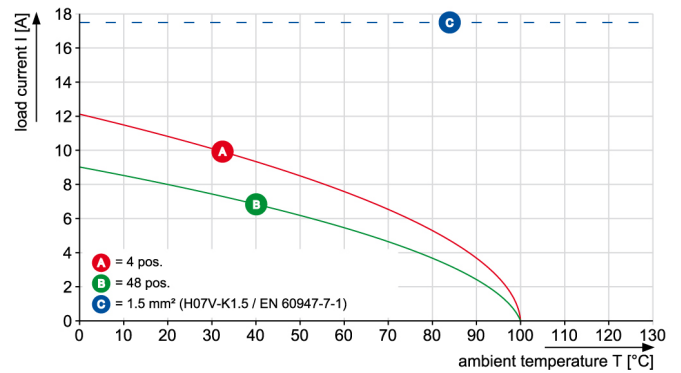
Drawings



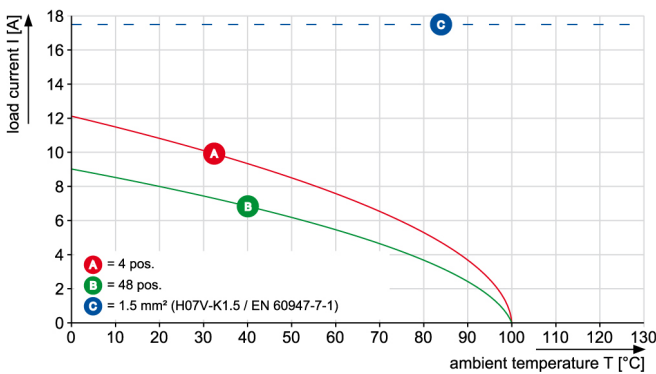
BL 3.50/./180 - SL-SMT 3.50/./90



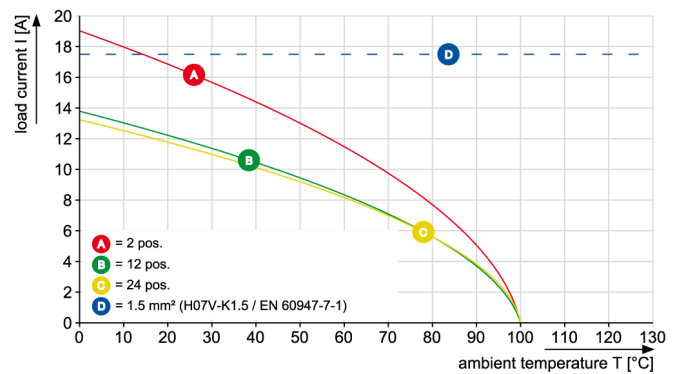
BL 3.50/./180 - SLD 3.50/./90



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

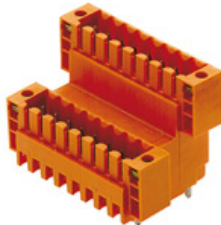


BL 3.50/./180 - SL 3.50/./90



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Mating connector (conditionally pluggable)
SLD 3.5V/180F


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1641280000	SLD 3.50 V/20/180F 3.2 SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 20, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190279684	Box	20 pc(s).

SL-SMT 3.5/180G Box


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1836990000	SL-SMT 3.50/10/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248345076	Box	50 pc(s).
1753062001	SL-SMT 3.50/10/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248130962	Box	50 pc(s).

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Mating connector (conditionally pluggable)

SL-SMT 3.5/180LF Box



High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1842620000	SL-SMT 3.50/10/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353989	Box	50 pc(s).
1804780000	SL-SMT 3.50/10/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248268566	Box	50 pc(s).

SL-SMT 3.5/90F Box



High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1842160000	SL-SMT 3.50/10/90F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353514	Box	50 pc(s).

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Mating connector (conditionally pluggable)

SL-SMT 3.5/180F Box



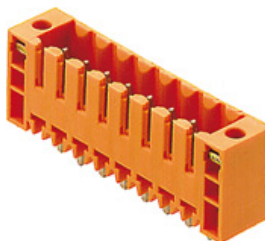
High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1761042001	SL-SMT 3.50/10/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248131617	Box	50 pc(s).
1761043001	SL-SMT 3.50/10/180F 1.5SN BK TY	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tray	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248133420	Tray	36 pc(s).
1842850000	SL-SMT 3.50/10/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248354313	Box	50 pc(s).

SL 3.5/180F



Male connector with 3.50 mm pitch for wave soldering 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)
- 17 A (IEC) / 10 A (UL)

General ordering data

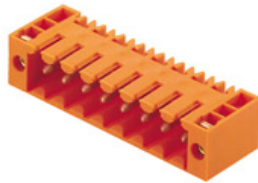
Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1607580000	SL 3.50/10/180F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190187545	Box	50 pc(s).

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Mating connector (conditionally pluggable)

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

SL 3.5/90F


Male connector with 3.50 mm pitch for wave soldering 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)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1607120000	SL 3.50/10/90F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190079710	Box	50 pc(s).

SL 3.5/135F


Male connector with 3.50 mm pitch for wave soldering 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.

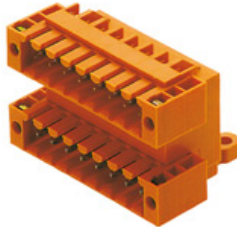
- 250 V (IEC) / 300 V (UL)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1643410000	SL 3.50/10/135F 3.2SN OR BX	PCB plug-in connector, male header, Flange, Solder connection, 3.50 mm, No. of poles: 10, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4008190282172	Box	50 pc(s).

BL/SL 3.50 series
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Mating connector (conditionally pluggable)
SLD 3.5/90F


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1633890000	SLD 3.50/20/90F 3.2SN OR BX	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	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190258344	Box	20 pc(s).

SL-SMT 3.5/90LF Box


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1805020000	SL-SMT 3.50/10/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248268924	Box	50 pc(s).
1841940000	SL-SMT 3.50/10/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353293	Box	50 pc(s).

**BL/SL 3.50 series
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Mating connector (conditionally pluggable)

SL-SMT 3.5/90LF Tape



High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1005180000	SL-SMT 3.50/10/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248704545	Tape	385 pc(s).

SLD 3.5V/90F



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

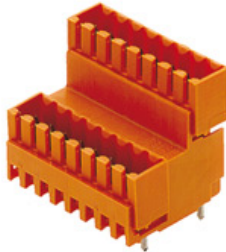
- 250 V (IEC) / 300 V (UL)
- 10.5 A (IEC) / 8 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1642410000	SLD 3.50 V/20/90F 3.2 SN OR BX	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	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190280932	Box	20 pc(s).

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


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1641150000	SLD 3.5 V/20/180G 3.2OR	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	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190279554	Box	20 pc(s).

SL-SMT 3.5/90G Box


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

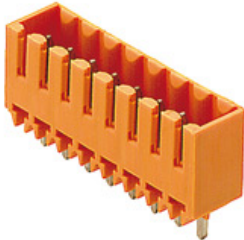
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1761622001	SL-SMT 3.50/10/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248132218	Box	50 pc(s).
1841710000	SL-SMT 3.50/10/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248353064	Box	50 pc(s).

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Mating connector (fully pluggable)
SL 3.5/180G


Male connector with 3.50 mm pitch for wave soldering 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)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1604550000	SL 3.50/10/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190111663	Box	50 pc(s).

SL-THR 3.5/135F


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

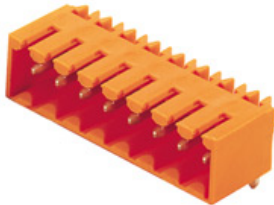
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1003590000	SL-SMT 3.50/10/135F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 3.50 mm, No. of poles: 10, 135°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248700219	Box	50 pc(s).

**BL/SL 3.50 series
BL 3.50/10/180 SN BK BX**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

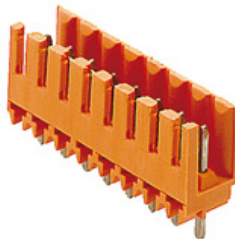
Mating connector (fully pluggable)
SL 3.5/90G


Male connector with 3.50 mm pitch for wave soldering 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)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1605150000	SL 3.50/10/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190183998	Box	50 pc(s).

SL 3.5/180


Male connector with 3.50 mm pitch for wave soldering 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)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1604850000	SL 3.50/10/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190096649	Box	50 pc(s).

**BL/SL 3.50 series
BL 3.50/10/180 SN BK BX**

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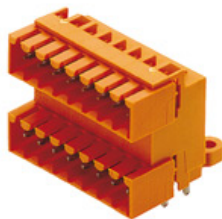
Mating connector (fully pluggable)
SL-SMT 3.5/180G Tape


High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1753064001	SL-SMT 3.50/10/180G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248135660	Tape	265 pc(s).

SLD 3.5/90G


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

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

General ordering data

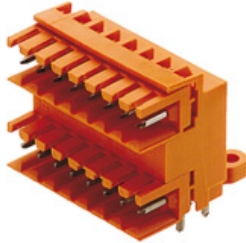
Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1633660000	SLD 3.50/20/90G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190258115	Box	20 pc(s).

**BL/SL 3.50 series
BL 3.50/10/180 SN BK BX**

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Mating connector (fully pluggable)

SLD 3.5/90



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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1633430000	SLD 3.50/20/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190257880	Box	20 pc(s).

SL-SMT 3.5/90G Tape



High-temperature-resistant male connector with 3.50 mm pitch for all customary soldering methods. Optimised for automatic assembly. Packed in box or tape. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors have space for labelling and can be coded.

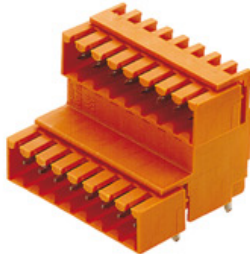
- 250 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1761624001	SL-SMT 3.50/10/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	4032248136063	Tape	385 pc(s).

**BL/SL 3.50 series
BL 3.50/10/180 SN BK BX**

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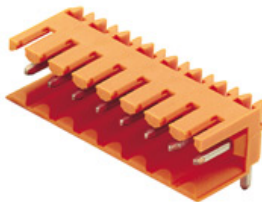
Mating connector (fully pluggable)
SLD 3.5V/90G


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1642280000	SLD 3.50 V/20/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 3.50 mm, No. of poles: 20, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	4008190280802	Box	20 pc(s).

SL 3.5/90


Male connector with 3.50 mm pitch for wave soldering. 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)
- 17 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Packaging	Qty.
1597290000	SL 3.50/10/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 3.50 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 320 V / 17 A UL: 300 V / 10 A	4008190165277	Box	50 pc(s).