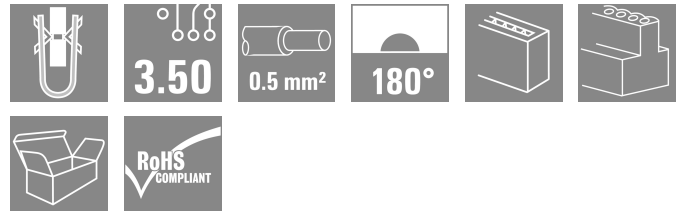
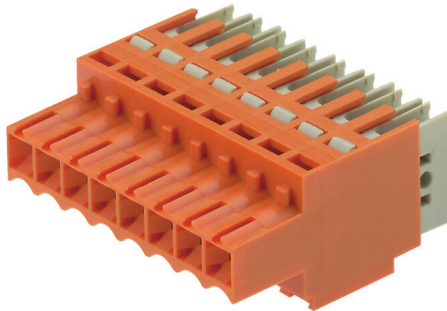


BLIDC 3.50/08/180 SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Do not use product for
new developments**

Female connectors for fast processing with insulation displacement connectors (IDC) for connecting wires at 3.50 pitch. They provide space for labelling and can be coded.

General ordering data

Version	PCB plug-in connector, female plug, 3.50 mm, Number of poles: 8, 90°/270°, IDC terminal, Clamping range, max. : 0.5 mm ² , Box
Order No.	1750850000
Type	BLIDC 3.50/08/180 SN OR BX
GTIN (EAN)	4032248146147
Qty.	50 items
Product data	IEC: 320 V / 6 A / 0.2 - 0.5 mm ² UL: 300 V / 7 A / AWG 22 - AWG 20
Packaging	Box
Delivery status	Discontinued
Available until	2023-09-30T00:00:00+02:00

Creation date 25.02.2026 03:18:41 MEZ

Catalogue status / Drawings

BLDC 3.50/08/180 SN OR BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	21.2 mm	Depth (inches)	0.8346 inch
Height	12.5 mm	Height (inches)	0.4921 inch
Width	28 mm	Width (inches)	1.1024 inch
Net weight	7.18 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

System Parameters

Product family	OMNIMATE Signal - series BL/SL 3.50	Type of connection	Field connection
Wire connection method	IDC terminal	Pitch in mm (P)	3.50 mm
Pitch in inches (P)	0.138 "	Conductor outlet direction	90°/270°
Number of poles	8	L1 in mm	24.50 mm
L1 in inches	0.965 "	Number of rows	1
Pin series quantity	1	Rated cross-section	0.5 mm ²
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch	Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged
Volume resistance	≤5 mΩ	Can be coded	Yes
Screwdriver blade	0.4 x 2.5	Screwdriver blade standard	DIN 5264
Plugging cycles	25	Plugging force/pole, max.	2 N
Pulling force/pole, max.	2 N		

Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIla
Comparative Tracking Index (CTI)	≥ 200	Moisture Level (MSL)	
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Contact surface	tinned	Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C	Operating temperature, min.	-50 °C
Operating temperature, max.	80 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	80 °C		

Conductors suitable for connection

Clamping range, min.	0.32 mm ²	Clamping range, max.	0.5 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 20
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	0.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	0.5 mm ²

BLIDC 3.50/08/180 SN OR BX

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Technical data

w. wire end ferrule, DIN 46228 pt 1, min.	0 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	0 mm ²
Outer diameter of insulation, max.	2.10 mm	Reference text	The outside diameter of the plastic collar should not be larger than the pitch (P). Length of ferrules is to be chosen depending on the product and the rated voltage.

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	6 A
Rated current, max. number of poles (Tu=20°C)	6 A	Rated current, min. number of poles (Tu=40°C)	6 A
Rated current, max. number of poles (Tu=40°C)	5 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 60 A

Rated data acc. to CSA

Institute (CSA)	CSA	Certificate No. (CSA)	200039-1068660
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	7 A	Rated current (Use group D / CSA)	7 A
Wire cross-section, AWG, min.	AWG 22	Wire cross-section, AWG, max.	AWG 20
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Rated data acc. to UL 1059

Institute (UR)	UR	Certificate No. (UR)	E60693
Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 1059)	7 A	Rated current (Use group D / UL 1059)	7 A
Wire cross-section, AWG, min.	AWG 22	Wire cross-section, AWG, max.	AWG 20
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packing

Packaging	Box	VPE length	153.00 mm
VPE width	132.00 mm	VPE height	35.00 mm

Important note

IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.		
Notes	• Additional variants on request • Rated current related to rated cross-section & min. No. of poles. • For IDC contact 0.5: cable acc. to DIN EN 60352-4 • AWG conductor: solid, 7 or 19 strands only • Temperature range -20 to +80 °C • BLIDC 3.5 and BLIDCB 3.5 conductors "solid"/"flexible" to DIN 47726		

BLIDC 3.50/08/180 SN OR BX

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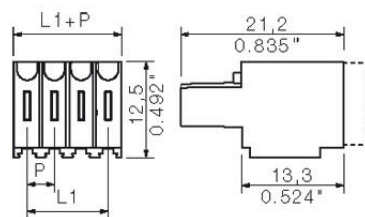
Technical data

- 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.
- In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load
- Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

Classifications

ETIM 8.0	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

Dimensional drawing



BLIDC 3.50/08/180 SN OR BX

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Accessories**Coding elements**

Only connects what is supposed to be connected: the right connection at the right place.
Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation
The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery. Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

General ordering data

Type	BL SL 3.5 KO OR	Version
Order No.	1693430000	PCB plug-in connector, Accessories, Coding element, orange, Number
GTIN (EAN)	4008190867447	of poles: 1
Qty.	100 ST	
Type	BL SL 3.5 KO SW	Version
Order No.	1610100000	PCB plug-in connector, Accessories, Coding element, black, Number
GTIN (EAN)	4008190187637	of poles: 1
Qty.	100 ST	

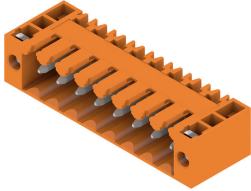
BLIDC 3.50/08/180 SN OR BX

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Counterpart

SL 3.50/90F

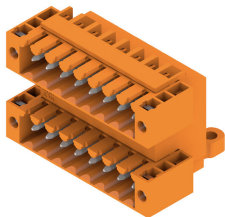


- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

General ordering data

Type	SL 3.50/08/90F 3.2SN GY...	Version
Order No.	1619910000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190149178	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm,
Qty.	50 ST	tinned, Pebble grey, Box

SLD 3.50/90F

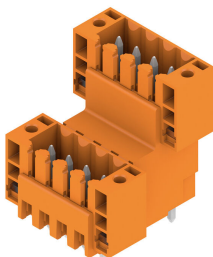


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/16/90F 3.2SN O...	Version
Order No.	1633870000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190258320	3.50 mm, Number of poles: 16, 90°, Solder pin length (l): 3.2 mm,
Qty.	20 ST	tinned, orange, Box

SLD 3.50V/180F



Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

General ordering data

Type	SLD 3.50 V/16/180F 3.2 ...	Version
Order No.	1641270000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190279677	3.50 mm, Number of poles: 16, 180°, Solder pin length (l): 3.2 mm,
Qty.	20 ST	tinned, orange, Box

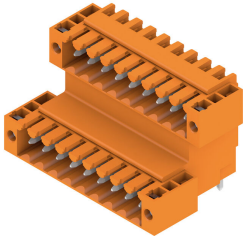
BLIDC 3.50/08/180 SN OR BX

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Counterpart

SLD 3.50V/90F

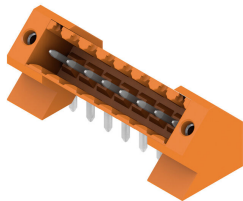


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

General ordering data

Type	SLD 3.50 V/16/90F 3.2 S...	Version
Order No.	1642400000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190280925	3.50 mm, Number of poles: 16, 90°, Solder pin length (l): 3.2 mm,
Qty.	20 ST	tinned, orange, Box

SL 3.50/135F



Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/135F 3.2SN O...	Version
Order No.	1643390000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190282158	3.50 mm, Number of poles: 8, 135°, Solder pin length (l): 3.2 mm,
Qty.	48 ST	tinned, orange, 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

BLIDC 3.50/08/180 SN OR BX

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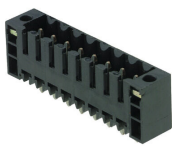
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Counterpart

General ordering data

Type	SL-SMT 3.50/08/180G 1.5...	Version
Order No.	1753042001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248130948	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

SL-SMT 3.5/180F Box



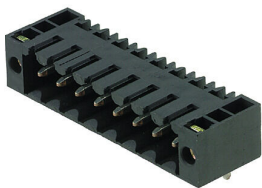
High-temperature-resistant male header, 3.50 mm pitch.

- 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	SL-SMT 3.50/08/180F 1.5...	Version
Order No.	1761022001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248131594	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	48 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 3.50/08/180F 1.5...	Version
Order No.	1761024001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248135851	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, 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	SL-SMT 3.50/08/90F 1.5S...	Version
Order No.	1762062001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248132478	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

BLIDC 3.50/08/180 SN OR BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

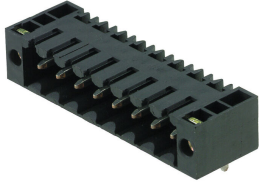
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Counterpart

SL-SMT 3.50/90F Tape



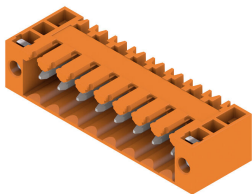
High-temperature-resistant male header, 3.50 mm pitch.

- 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	SL-SMT 3.50/08/90F 1.5S...	Version
Order No.	1762064001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248136247	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SL 3.50/90F



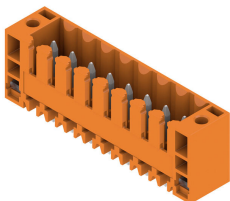
Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/90F 3.2SN OR...	Version
Order No.	1607100000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190157661	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm,
Qty.	50 ST	tinned, orange, Box

SL 3.50/180F



Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

BLIDC 3.50/08/180 SN OR BX

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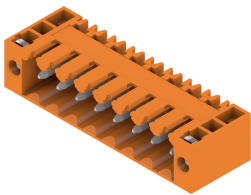
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Counterpart

General ordering data

Type	SL 3.50/08/180F 3.2SN O...	Version
Order No.	1607560000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190025151	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm,
Qty.	50 ST	tinned, orange, Box

SL 3.50/90F

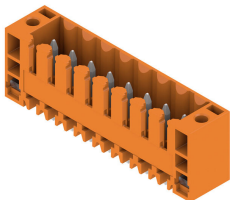


- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

General ordering data

Type	SL 3.50/08/90F 4.5 SN B...	Version
Order No.	1614200000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190021030	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 4.5 mm,
Qty.	50 ST	tinned, black, Box

SL 3.50/180F



- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

General ordering data

Type	SL 3.50/08/180F 4.5 SN ...	Version
Order No.	1614270000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190021788	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 4.5 mm,
Qty.	50 ST	tinned, black, Box

BLIDC 3.50/08/180 SN OR BX

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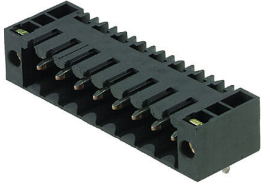
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Counterpart

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	SL-SMT 3.50/08/90F 3.2S...	Version
Order No.	1842140000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248353491	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	48 ST	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	SL-SMT 3.50/08/180F 3.2...	Version
Order No.	1842830000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248354191	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	48 ST	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

BLIDC 3.50/08/180 SN OR BX

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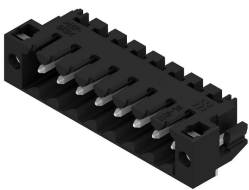
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Counterpart

General ordering data

Type	SL-SMT 3.50/08/180G 3.2...	Version
Order No.	1842380000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248353736	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, 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	SL-SMT 3.50/08/90LF 3.2...	Version
Order No.	1841920000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248353279	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	48 ST	3.2 mm, tinned, black, 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	SL-SMT 3.50/08/90LF 1.5...	Version
Order No.	1805370000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248269723	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

BLIDC 3.50/08/180 SN OR BX

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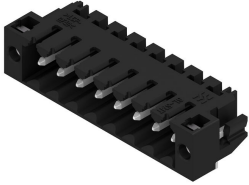
D-32758 Detmold

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Counterpart

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	SL-SMT 3.50/08/90LF 1.5...	Version
Order No.	1805000000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248268900	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	48 ST	1.5 mm, tinned, black, Box

SL-SMT 3.5/180LF Tape



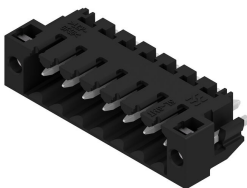
High-temperature-resistant male header, 3.50 mm pitch.

- 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	SL-SMT 3.50/08/180LF 1....	Version
Order No.	1805290000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248269556	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, Tape

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

BLIDC 3.50/08/180 SN OR BX

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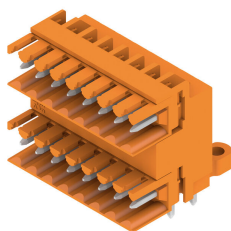
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Counterpart

General ordering data

Type	SL-SMT 3.50/08/180LF 1....	Version
Order No.	1804760000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248268542	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	48 ST	1.5 mm, tinned, black, Box
Type	SL-SMT 3.50/08/180LF 3....	Version
Order No.	1842600000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248353965	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	48 ST	3.2 mm, tinned, black, Box

SLD 3.50/90

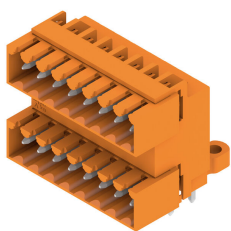


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/16/90 3.2SN OR...	Version
Order No.	1633410000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190257866	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

SLD 3.50/90G



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

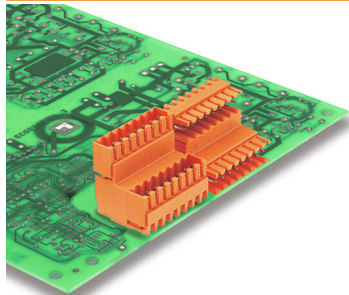
General ordering data

Type	SLD 3.50/16/90G 3.2SN O...	Version
Order No.	1633640000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190258092	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box
Type	SLD 3.50/16/90G 4.5SN B...	Version
Order No.	1634330000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190258788	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	20 ST	4.5 mm, tinned, black, Box

BLIDC 3.50/08/180 SN OR BX

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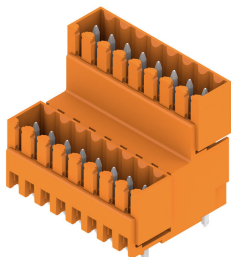
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Counterpart
SLD 3.50V/180


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

General ordering data

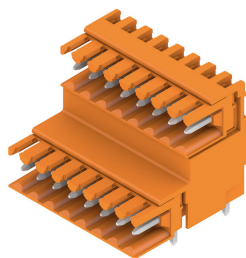
Type	SLD 3.50V/16/180 3.2SN ...	Version
Order No.	1641010000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190279417	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, orange, Box

SLD 3.50V/180G


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

General ordering data

Type	SLD 3.50V/16/180G 3.2SN...	Version
Order No.	1641140000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190279547	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, orange, Box
Type	SLD 3.50V/16/180G 4.5SN...	Version
Order No.	1641760000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190280178	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length
Qty.	20 ST	(I): 4.5 mm, tinned, black, Box

SLD 3.50V/90


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

BLIDC 3.50/08/180 SN OR BX

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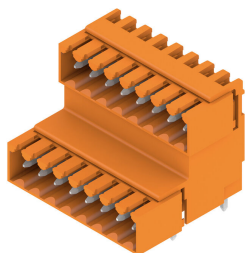
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Counterpart

General ordering data

Type	SLD 3.50V/16/90 3.2SN O...	Version
Order No.	1642120000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190280628	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

SLD 3.50V/90G

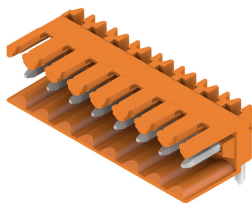


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

General ordering data

Type	SLD 3.50V/16/90G 3.2SN ...	Version
Order No.	1642270000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190280796	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box
Type	SLD 3.50V/16/90G 4.5SN ...	Version
Order No.	1642890000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190281489	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):
Qty.	20 ST	4.5 mm, tinned, black, Box

SL 3.50/90



Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/90 3.2SN BK ...	Version
Order No.	1678850000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190467685	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

BLIDC 3.50/08/180 SN OR BX

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Counterpart

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	SL-SMT 3.50/08/180G 1.5...	Version
Order No.	1753044001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248135646	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, Tape

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	SL-SMT 3.50/08/90G 1.5S...	Version
Order No.	1761602001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248132096	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, 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

BLIDC 3.50/08/180 SN OR BX

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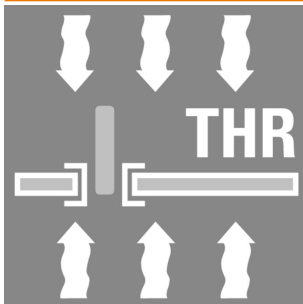
www.weidmueller.com

Counterpart

General ordering data

Type	SL-SMT 3.50/08/90G 1.5S...	Version
Order No.	1761604001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248136049	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SL-SMT 3.50/90 Tape



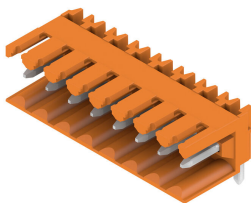
High-temperature-resistant male header, 3.50 mm pitch.

- 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	SL-SMT 3.50/08/90 1.5SN...	Version
Order No.	1761834001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248136148	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SL 3.50/90



Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/90 3.2SN OR ...	Version
Order No.	1597270000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190042431	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

BLIDC 3.50/08/180 SN OR BX

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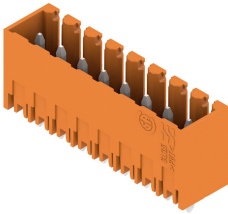
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Counterpart

SL 3.50/180G



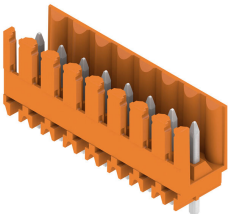
Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/180G 3.2SN O...	Version
Order No.	1604530000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190090975	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 3.50/08/180G 4.5SN O...	Version
Order No.	1604680000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190059026	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, orange, Box

SL 3.50/180



Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/180 3.2SN OR...	Version
Order No.	1604830000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190170684	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 3.50/08/180 4.5 SN O...	Version
Order No.	1604980000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190158316	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, orange, Box

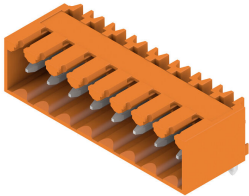
BLIDC 3.50/08/180 SN OR BX

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Counterpart

SL 3.50/90G

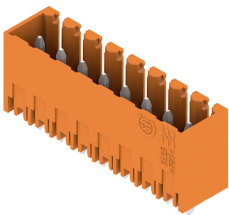


- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

General ordering data

Type	SL 3.50/08/90G 3.2SN OR...	Version
Order No.	1605130000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190172022	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 3.50/180G

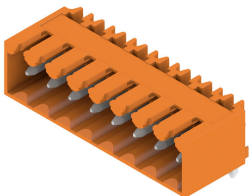


- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

General ordering data

Type	SL 3.50/08/180G 3.2SN D...	Version
Order No.	1607410000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190091385	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, Signal green, Box

SL 3.50/90G



- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

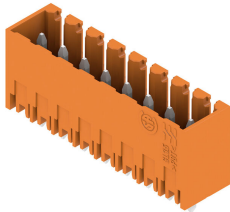
General ordering data

Type	SL 3.50/08/90G 4.5SN BK...	Version
Order No.	1614180000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190020828	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box

BLIDC 3.50/08/180 SN OR BX

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Counterpart
SL 3.50/180G


Pin headers for wave soldering in 3.50 mm pitch

- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/08/180G 4.5SN B...	Version
Order No.	1614250000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190021702	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box

SL-SMT 3.5/90G Box


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

- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all soldering methods
- Pin length 1.5 mm optimised for reflow soldering methods
- Packed either in a box (BX) or tape-on-reel (RL)
- Male header can be coded

General ordering data

Type	SL-SMT 3.50/08/90G 3.2S...	Version
Order No.	1841690000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248353040	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

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

BLIDC 3.50/08/180 SN OR BX**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Counterpart****General ordering data**

Type	SL-SMT 3.50/08/135F 3.2...	Version
Order No.	1003570000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248700196	connection, 3.50 mm, Number of poles: 8, 135°, Solder pin length (l):
Qty.	48 ST	3.2 mm, tinned, black, Box