

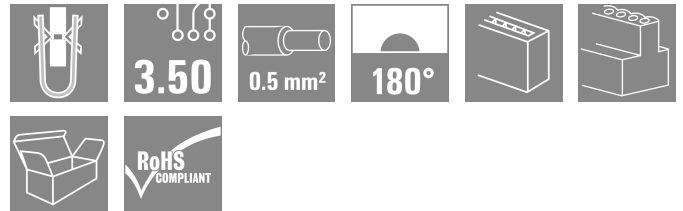
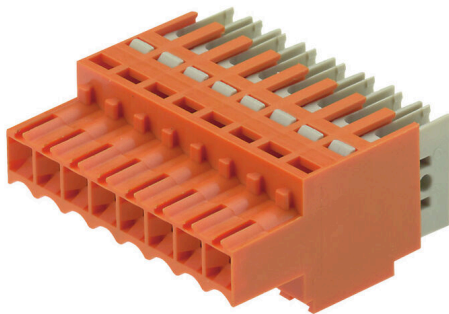
BLIDC 3.50/03/180 SN OR BX

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

www.weidmueller.com

Do not use product for
new developments

Product image



Similar to illustration

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: 3, 90°/270°, IDC terminal, Clamping range, max. : 0.5 mm ² , Box
Order No.	1750800000
Type	BLIDC 3.50/03/180 SN OR BX
GTIN (EAN)	4032248146093
Qty.	100 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 18.02.2026 05:17:25 MEZ

Catalogue status / Drawings

BLDC 3.50/03/180 SN OR BX

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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	10.5 mm	Width (inches)	0.4134 inch
Net weight	2.46 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	3	L1 in mm	7.00 mm
L1 in inches	0.276 "	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	Illa
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

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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	117.00 mm
VPE width	102.00 mm	VPE height	65.00 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	<ul style="list-style-type: none"> • 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

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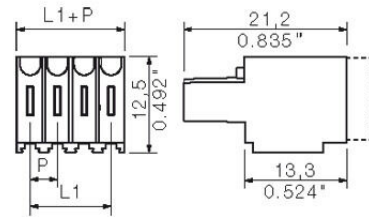
Technical data

- 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



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	

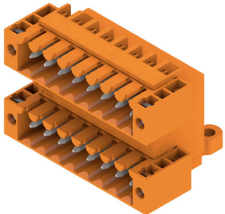
BLIDC 3.50/03/180 SN OR BX

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Counterpart

SLD 3.50/90F

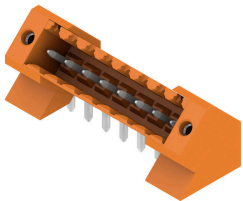


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/06/90F 3.2SN O...	Version
Order No.	1633820000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190258276	3.50 mm, Number of poles: 6, 90°, Solder pin length (l): 3.2 mm,
Qty.	50 ST	tinned, orange, Box

SL 3.50/135F



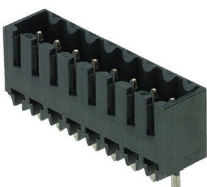
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/135F 3.2SN O...	Version
Order No.	1643340000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190282103	3.50 mm, Number of poles: 3, 135°, Solder pin length (l): 3.2 mm,
Qty.	102 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

BLDC 3.50/03/180 SN OR BX

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Counterpart

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General ordering data

Type	SL-SMT 3.50/03/180G 1.5...	Version
Order No.	1752992001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248130917	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box

SL-SMT 3.5/180F Box

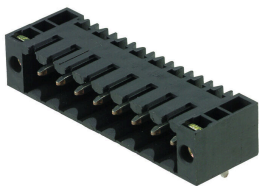


- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal 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 3.50/03/180F 1.5...	Version
Order No.	1760972001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248131549	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	102 ST	1.5 mm, tinned, black, Box

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 3.50/03/90F 1.5S...	Version
Order No.	1762014001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248136193	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL 3.50/90F



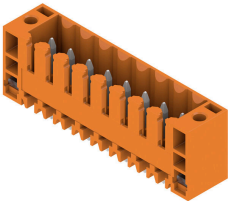
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/90F 3.2SN OR...	Version
Order No.	1607050000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190055257	3.50 mm, Number of poles: 3, 90°, Solder pin length (l): 3.2 mm,
Qty.	100 ST	tinned, orange, Box

SL 3.50/180F



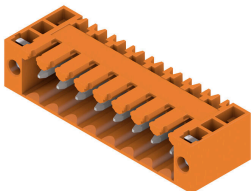
Pin headers for wave soldering in 3.50 mm pitch

- 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

General ordering data

Type	SL 3.50/03/180F 3.2SN O...	Version
Order No.	1607510000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190163907	3.50 mm, Number of poles: 3, 180°, Solder pin length (l): 3.2 mm,
Qty.	100 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 3.50/03/90F 4.5 SN B...	Version
Order No.	1615540000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190056667	3.50 mm, Number of poles: 3, 90°, Solder pin length (l): 4.5 mm,
Qty.	100 ST	tinned, black, Box

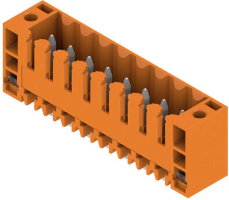
BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL 3.50/180F

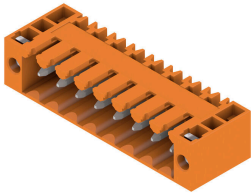


- Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
 - Housing variant: screw flange (F)
 - Packed in a cardboard box (BX)
 - Pin header can be coded

General ordering data

Type	SL 3.50/03/180F 4.5 SN ...	Version
Order No.	1616150000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190068240	3.50 mm, Number of poles: 3, 180°, Solder pin length (l): 4.5 mm,
Qty.	100 ST	tinned, black, 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 3.50/03/90F 4.5 SN O...	Version
Order No.	1618070000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190116194	3.50 mm, Number of poles: 3, 90°, Solder pin length (l): 4.5 mm,
Qty.	100 ST	tinned, orange, Box

SL-SMT 3.5/180F Box



- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal for all soldering methods
 - Pin length 1.5 mm optimised for reflow soldering methods
 - Packed either in a box (BX) or tape-on-reel (RL)
 - Male header can be coded

BLIDC 3.50/03/180 SN OR BX

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Counterpart

General ordering data

Type	SL-SMT 3.50/03/180F 3.2...	Version
Order No.	1842780000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248354146	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	102 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

General ordering data

Type	SL-SMT 3.50/03/180G 3.2...	Version
Order No.	1842330000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248353675	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

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 3.50/03/90F 3.2S...	Version
Order No.	1842090000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248353446	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	102 ST	3.2 mm, tinned, black, Box

BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL-SMT 3.5/90LF Box

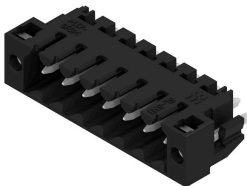


- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal 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 3.50/03/90LF 1.5...	Version
Order No.	1804950000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248268856	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	102 ST	1.5 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	SL-SMT 3.50/03/180LF 3....	Version
Order No.	1842550000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248353910	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	102 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

BLIDC 3.50/03/180 SN OR BX

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Counterpart

General ordering data

Type	SL-SMT 3.50/03/90LF 3.2...	Version
Order No.	1841870000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248353224	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	102 ST	3.2 mm, tinned, black, Box

SL-SMT 3.5/180LF Tape

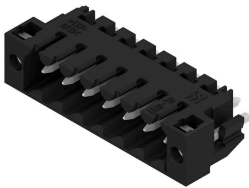


- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal 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 3.50/03/180LF 1...	Version
Order No.	1805230000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248269105	connection, 3.50 mm, Number of poles: 3, 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

General ordering data

Type	SL-SMT 3.50/03/180LF 1...	Version
Order No.	1804710000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248268528	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	102 ST	1.5 mm, tinned, black, Box

BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL-SMT 3.5/90LF Tape

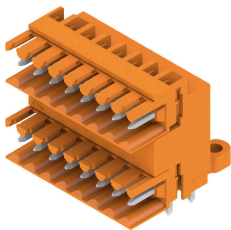


- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal 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 3.50/03/90LF 1.5...	Version
Order No.	1805320000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248269570	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SLD 3.50/90

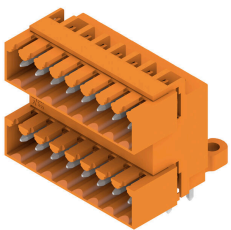


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/06/90 3.2SN OR...	Version
Order No.	1633360000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190257811	connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 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.

BLIDC 3.50/03/180 SN OR BX

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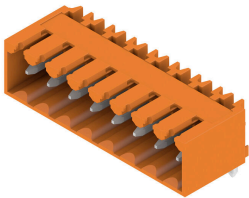
Counterpart

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General ordering data

Type	SLD 3.50/06/90G 3.2SN O...	Version
Order No.	1633590000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190258047	connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SLD 3.50/06/90G 4.5SN B...	Version
Order No.	1634280000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190258733	connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box

SL 3.50/90G



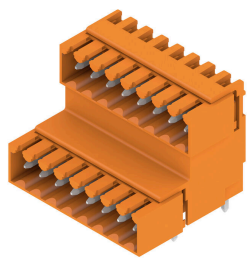
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/90G 3.2SN BK...	Version
Order No.	1683230000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190475338	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, 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/06/90G 4.5SN ...	Version
Order No.	1699270000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190889104	connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box

BLDC 3.50/03/180 SN OR BX

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Counterpart

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 3.50/03/90 3.2SN BK ...	Version
Order No.	1723410000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190365752	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

SL-SMT 3.5/90G Box



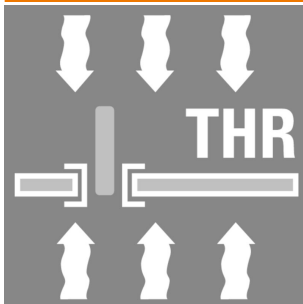
High-temperature-resistant male header, 3.50 mm pitch.

- 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 3.50/03/90G 1.5S...	Version
Order No.	1761552001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248132041	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 ST	1.5 mm, tinned, black, Box

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

BLDC 3.50/03/180 SN OR BX

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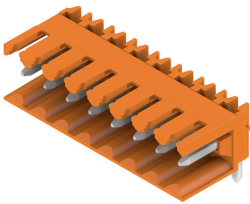
Counterpart

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General ordering data

Type	SL-SMT 3.50/03/90 1.5SN...	Version
Order No.	1761784001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248136094	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SL 3.50/90



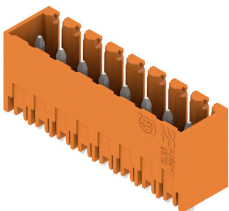
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/90 3.2SN OR ...	Version
Order No.	1597220000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190121792	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 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 3.50/03/180G 3.2SN O...	Version
Order No.	1604480000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190049621	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, orange, Box
Type	SL 3.50/03/180G 4.5SN O...	Version
Order No.	1604630000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190075071	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	4.5 mm, tinned, orange, Box

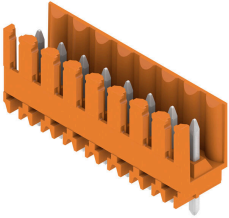
BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL 3.50/180



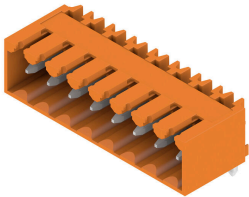
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/180 3.2SN OR...	Version
Order No.	1604780000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190014322	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, orange, Box

SL 3.50/90G



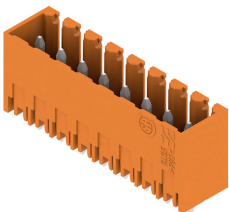
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/90G 3.2SN OR...	Version
Order No.	1605080000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190088538	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 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 3.50/03/180G 3.2SN D...	Version
Order No.	1607360000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190064501	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, Signal green, Box

BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL 3.50/90



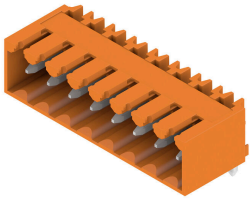
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/90 4.5SN BK ...	Version
Order No.	1615300000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190052126	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 ST	4.5 mm, tinned, black, Box

SL 3.50/90G



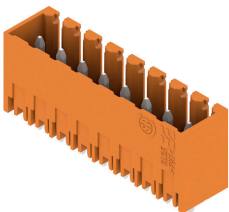
Pin headers for wave soldering in 3.50 mm pitch

- 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 3.50/03/90G 4.5SN BK...	Version
Order No.	1615420000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190054458	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 ST	4.5 mm, tinned, black, 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 3.50/03/180G 4.5SN B...	Version
Order No.	1616020000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190065324	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	100 ST	4.5 mm, tinned, black, Box

BLIDC 3.50/03/180 SN OR BX

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Counterpart

SL-SMT 3.5/90G Box

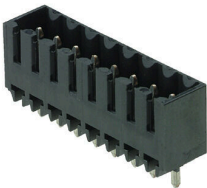


- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal 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 3.50/03/90G 3.2S...	Version
Order No.	1841640000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248352791	connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):
Qty.	100 ST	3.2 mm, tinned, black, Box

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 3.50/03/180G 1.5...	Version
Order No.	1752994002	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248193103	connection, 3.50 mm, Number of poles: 3, 180°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, Tape

SL-SMT 3.5/90G Tape



- High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
 - Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
 - Optimised for the SMT process
 - Pin length 3.2 mm universal for all soldering methods
 - Pin length 1.5 mm optimised for reflow soldering methods
 - Packed either in a box (BX) or tape-on-reel (RL)
 - Male header can be coded

BLIDC 3.50/03/180 SN OR BX

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Counterpart

General ordering data

Type	SL-SMT 3.50/03/90G 1.5S...	Version	
Order No.	1761554002	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 3, 90°, Solder pin length (l):	
GTIN (EAN)	4032248193332	1.5 mm, tinned, black, Tape	
Qty.	385 ST		

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	SL-SMT 3.50/03/135F 3.2...	Version	
Order No.	1003520000	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 3, 135°, Solder pin length (l):	
GTIN (EAN)	4032248700158	3.2 mm, tinned, black, Box	
Qty.	102 ST		