Data sheet

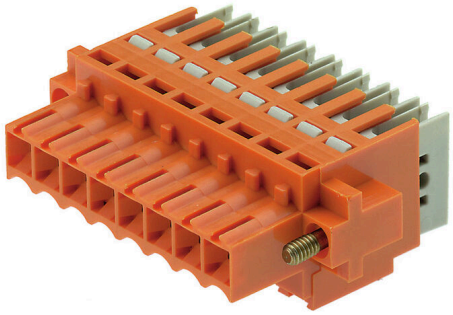
BLIDC 3.50/05/180F SN OR BX

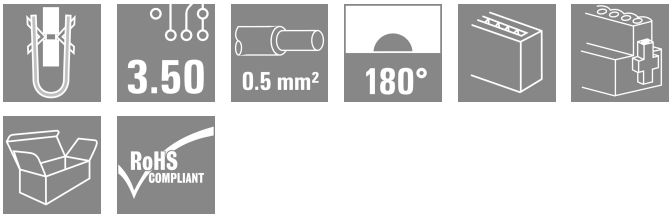
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Do not use product for new developments

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: 5, 90°/270°, IDC terminal, Clamping range, max. : 0.5 mm², Box
Order No.	1751120000
Type	BLIDC 3.50/05/180F SN OR BX
GTIN (EAN)	4032248146673
Qty.	50 items
Product data	IEC: 320 V / 6 A / 0.2 - 0.5 mm² 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 23.02.2026 08:14:25 MEZ

Data sheet

BLIDC 3.50/05/180F 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
Net weight	5.3 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	5			
L1 in mm	14.00 mm			
L1 in inches	0.551 "			
Number of rows	1			
Pin series quantity	1			
Rated cross-section	0.5 mm²			
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-A			
Plugging cycles	25			
Plugging force/pole, max.	2 N			
Pulling force/pole, max.	2 N			
Tightening torque	Torque type	Screw flange		
	Usage information	Tightening torque	min.	0.15 Nm
			max.	0.2 Nm

Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	Insulation resistance	≥ 108 Ω
Moisture Level (MSL)		UL 94 flammability rating	V-0

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Technical data

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 mm²	Clamping range, max.	0.5 mm²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 20
Solid, min. H05(07) V-U	0.2 mm²	Solid, max. H05(07) V-U	0.5 mm²
Flexible, min. H05(07) V-K	0.2 mm²	Flexible, max. H05(07) V-K	0.5 mm²
w. wire end ferrule, DIN 46228 pt 1, min.	0 mm²	w. wire end ferrule, DIN 46228 pt 1, max.	0 mm²
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.		

BLIDC 3.50/05/180F SN OR BX

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Technical data

Packing

Packaging	Box	VPE length	151.00 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 • 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		

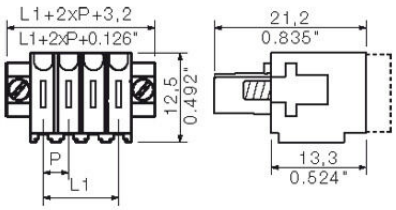
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Drawings

Dimensional drawing



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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	

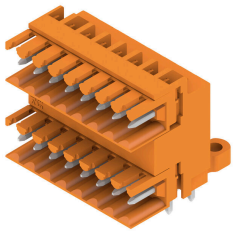
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Counterpart

SLD 3.50/90

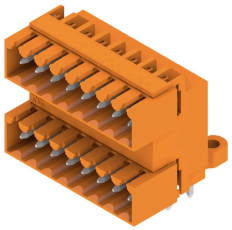


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/10/90 3.2SN OR...	Version
Order No.	1633380000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190257835	connection, 3.50 mm, Number of poles: 10, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SLD 3.50/90G

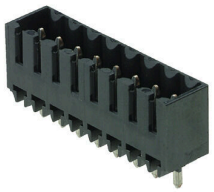


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/10/90G 3.2SN O...	Version
Order No.	1633610000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190258061	connection, 3.50 mm, Number of poles: 10, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SLD 3.50/10/90G 4.5SN B...	Version
Order No.	1634300000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190258757	connection, 3.50 mm, Number of poles: 10, 90°, Solder pin length (l):
Qty.	50 ST	4.5 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 3.50/05/180F SN OR BX

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Counterpart

General ordering data

Type	SL-SMT 3.50/05/180G 1.5...	Version
Order No.	1753012001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248130900	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

SL-SMT 3.5/90G Box

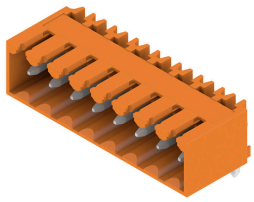


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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 3.50/05/90G 1.5S...	Version
Order No.	1761572001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248132065	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	1.5 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 3.50/05/90G 3.2SN BK...	Version
Order No.	1763000000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248049363	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

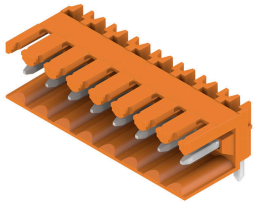
BLIDC 3.50/05/180F SN OR BX

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Counterpart

SL 3.50/90

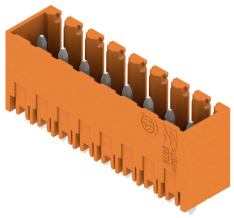


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/05/90 3.2SN OR ...	Version
Order No.	1597240000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190055776	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 3.50/180G

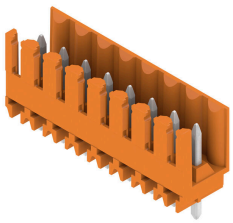


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/05/180G 3.2SN O...	Version
Order No.	1604500000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190066871	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 3.50/05/180G 4.5SN O...	Version
Order No.	1604650000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190128074	connection, 3.50 mm, Number of poles: 5, 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

BLIDC 3.50/05/180F SN OR BX

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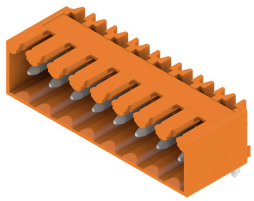
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Counterpart

General ordering data

Type	SL 3.50/05/180 3.2SN OR...	Version
Order No.	1604800000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190005092	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

SL 3.50/90G

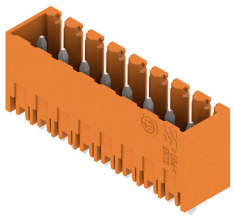


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/05/90G 3.2SN OR...	Version
Order No.	1605100000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190102609	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 3.50/05/90G 4.5SN BK...	Version
Order No.	1614170000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190020118	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 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 3.50/05/180G 4.5SN B...	Version
Order No.	1616040000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190065584	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box

BLIDC 3.50/05/180F SN OR BX

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Counterpart

SL-SMT 3.5/180G Box

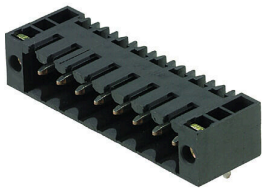


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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 3.50/05/180G 3.2...	Version
Order No.	1842350000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248353705	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 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 3.50/05/90F 3.2S...	Version
Order No.	1842110000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248353460	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	72 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

BLIDC 3.50/05/180F SN OR BX

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Counterpart

General ordering data

Type	SL-SMT 3.50/05/90G 3.2S...	Version
Order No.	1841660000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248353019	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 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

General ordering data

Type	SL-SMT 3.50/05/90G 1.5S...	Version
Order No.	1761574002	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248193363	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SL-SMT 3.5/180G Tape



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

General ordering data

Type	SL-SMT 3.50/05/180G 1.5...	Version
Order No.	1753014002	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248193226	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, Tape

BLIDC 3.50/05/180F SN OR BX

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Klingenbergstraße 26
D-32758 Detmold
Germany

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Counterpart

SL-THR 3.5/135F

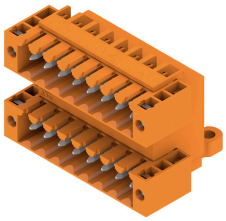


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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 3.50/05/135F 3.2...	Version
Order No.	1003540000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248700172	connection, 3.50 mm, Number of poles: 5, 135°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box

SLD 3.50/90F

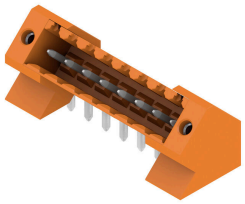


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/10/90F 3.2SN O...	Version
Order No.	1633840000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190258290	3.50 mm, Number of poles: 10, 90°, Solder pin length (l): 3.2 mm,
Qty.	50 ST	tinned, orange, Box
Type	SLD 3.50/10/90F 4.5SN B...	Version
Order No.	1634530000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190258986	3.50 mm, Number of poles: 10, 90°, Solder pin length (l): 4.5 mm,
Qty.	50 ST	tinned, black, 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

BLIDC 3.50/05/180F SN OR BX

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Germany

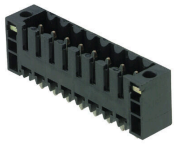
www.weidmueller.com

Counterpart

General ordering data

Type	SL 3.50/05/135F 3.2SN O...	Version
Order No.	1643360000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190282127	3.50 mm, Number of poles: 5, 135°, Solder pin length (l): 3.2 mm,
Qty.	72 ST	tinned, orange, Box

SL-SMT 3.5/180F Box

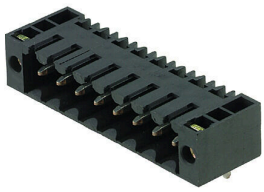


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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

General ordering data

Type	SL-SMT 3.50/05/180F 1.5...	Version
Order No.	1760992001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248131563	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	72 ST	1.5 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 3.50/05/90F 1.5S...	Version
Order No.	1762032001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248132447	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	72 ST	1.5 mm, tinned, black, Box

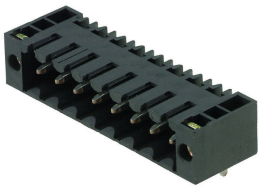
BLIDC 3.50/05/180F SN OR BX

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Klingenbergstraße 26
D-32758 Detmold
Germany

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Counterpart

SL-SMT 3.50/90F Tape

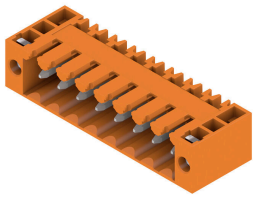


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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 3.50/05/90F 1.5S...	Version
Order No.	1762034001	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248136216	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

SL 3.50/90F

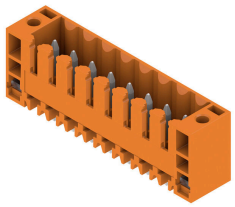


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/05/90F 3.2SN OR...	Version
Order No.	1607070000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190170127	3.50 mm, Number of poles: 5, 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 3.50/05/180F SN OR BX

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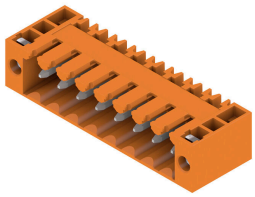
www.weidmueller.com

Counterpart

General ordering data

Type	SL 3.50/05/180F 3.2SN O...	Version
Order No.	1607530000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190067335	3.50 mm, Number of poles: 5, 180°, Solder pin length (l): 3.2 mm,
Qty.	50 ST	tinned, orange, Box

SL 3.50/90F

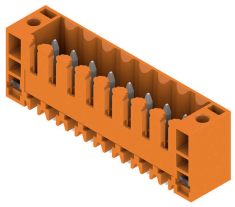


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

General ordering data

Type	SL 3.50/05/90F 4.5 SN B...	Version
Order No.	1615560000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190057299	3.50 mm, Number of poles: 5, 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 3.50/05/180F 4.5 SN ...	Version
Order No.	1616170000	PCB plug-in connector, male header, Flange, THT solder connection,
GTIN (EAN)	4008190068370	3.50 mm, Number of poles: 5, 180°, Solder pin length (l): 4.5 mm,
Qty.	50 ST	tinned, black, Box

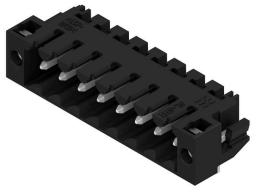
BLIDC 3.50/05/180F SN OR BX

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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 3.50/05/90LF 3.2...	Version
Order No.	1841890000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248353248	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	72 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 3.50/05/180F 3.2...	Version
Order No.	1842800000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248354160	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	72 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

BLIDC 3.50/05/180F SN OR BX

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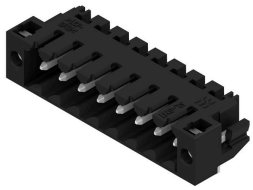
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Counterpart

General ordering data

Type	SL-SMT 3.50/05/180LF 1....	Version
Order No.	1805250000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248269525	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	265 ST	1.5 mm, tinned, black, Tape

SL-SMT 3.5/90LF Box

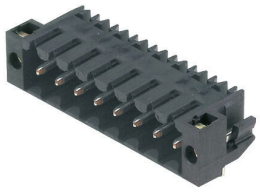


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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 3.50/05/90LF 1.5...	Version
Order No.	1804970000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248268870	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	72 ST	1.5 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 3.50/05/90LF 1.5...	Version
Order No.	1805340000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248269594	connection, 3.50 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	385 ST	1.5 mm, tinned, black, Tape

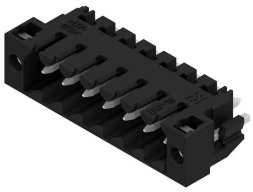
BLIDC 3.50/05/180F SN OR BX

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Counterpart

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 3.50/05/180LF 3....	Version
Order No.	1842570000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248353934	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	72 ST	3.2 mm, tinned, black, Box
Type	SL-SMT 3.50/05/180LF 1....	Version
Order No.	1804730000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248268818	connection, 3.50 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	72 ST	1.5 mm, tinned, black, Box