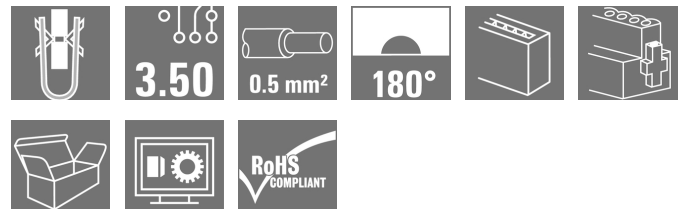


BLIDCB 3.50/08/-F SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

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 mm², Box
Order No.	1751510000
Type	BLIDCB 3.50/08/-F SN OR BX
GTIN (EAN)	4032248174447
Qty.	10 pc(s).
Product data	IEC: 250 V / 6 A / 0.35 - 0.5 mm² UL: 300 V / 7 A / AWG 22 - AWG 20
Packaging	Box

Creation date October 28, 2021 1:36:20 AM CEST

BLIDCB 3.50/08/-F SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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Technical data**Dimensions and weights**

Depth	21.2 mm	Depth (inches)	0.835 inch
Height	12.5 mm	Height (inches)	0.492 inch
Net weight	8.9 g		

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)	3.5 mm		
Pitch in inches (P)	0.138 inch		
Conductor outlet direction	90°/270°		
Number of poles	8		
L1 in mm	24.5 mm		
L1 in inches	0.965 inch		
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	IP 20		
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.	7.5 N		
Pulling force/pole, max.	5.5 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 strength	≥ 10 ⁸ Ω
UL 94 flammability rating	V-0	Contact material	CuSn
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		

BLIDCB 3.50/08/-F SN OR BX**Weidmüller Interface GmbH & Co. KG**

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Technical data**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	0.35 mm ²	Solid, max. H05(07) V-U	0.5 mm ²
Flexible, min. H05(07) V-K	0.35 mm ²	Flexible, max. H05(07) V-K	0.5 mm ²
Outer diameter of insulation, max.	2.1 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	250 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)		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)		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.		

BLIDCB 3.50/08/-F SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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Technical data**Packing**

Packaging	Box	VPE length	85 mm
VPE width	78 mm	VPE height	49 mm

Type tests

Test: Durability of markings	Standard	draft DIN VDE 0627 section 6.2.2 / 09.91
	Test	mark of origin, type identification, type of material
	Evaluation	available
	Test	durability
	Evaluation	passed

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
ETIM 8.0	EC002638	ECLASS 9.0	27-44-03-09
ECLASS 9.1	27-44-03-09	ECLASS 10.0	27-44-03-09
ECLASS 11.0	27-46-02-02		

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 colours 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. • Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

BLIDCB 3.50/08/-F SN OR BX

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

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Declaration of the Manufacturer
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL DRIVES EN MB DEVICE MANUF. EN FL DRIVES DE FL BUILDING SAFETY EN FL APPL LED LIGHTING EN FL INDUSTR.CONTROLS EN FL MACHINE SAFETY EN FL HEATING ELECTR EN FL APPL INVERTER EN FL_BASE_STATION_EN FL ELEVATOR EN FL POWER SUPPLY EN FL 72H SAMPLE SER EN PO OMNIMATE EN PO OMNIMATE EN

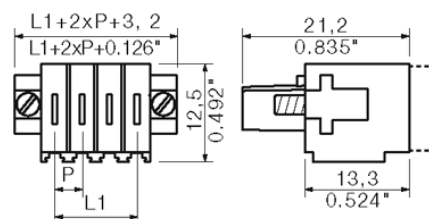
BLIDCB 3.50/08/-F SN OR BX

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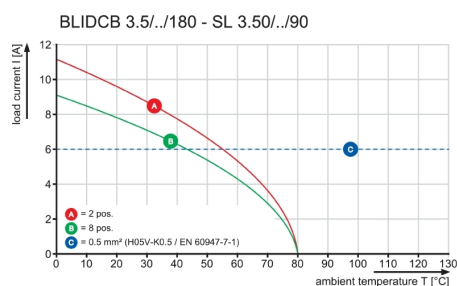
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Drawings

Dimensional drawing



Graph



BLIDCB 3.50/08/-F SN OR BX

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Klingenbergstraße 26

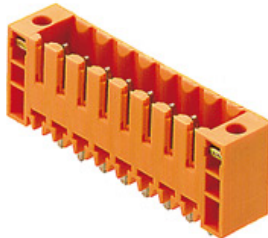
D-32758 Detmold

Germany

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Mating connector (fully pluggable)

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 3.2SN D ...	Version	Product data	Packaging
Order No.	1622540000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190193201	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Signal green, Box		
Type	SL 3.50/08/180F 4.5 SN ...	Version	Product data	Packaging
Order No.	1614270000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190021788	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, black, Box		
Type	SL 3.50/08/180F 3.2SN O ...	Version	Product data	Packaging
Order No.	1607560000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190025151	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		
Type	SL 3.50/08/180F 4.5SN O ...	Version	Product data	Packaging
Order No.	1611540000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190192426	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		
Type	SL 3.50/08/180F 3.2SN G ...	Version	Product data	Packaging
Order No.	1622320000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190190026	3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Pebble grey, Box		

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (fully pluggable)

SL-SMT 3.5/90LF Tape



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

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

General ordering data

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

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	Product data	Packaging
Order No.	1805290000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape
GTIN (EAN)	4032248269556			
Qty.	265 pc(s).			

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (fully pluggable)

SL-SMT 3.5/180F Box



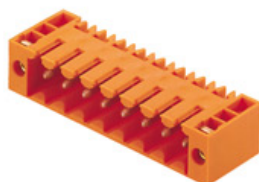
High-temperature-resistant male header, 3.50 mm pitch.

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

General ordering data

Type	SL-SMT 3.50/08/180F 3.2 ...	Version	Product data	Packaging
Order No.	1842830000	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248354191			
Qty.	48 pc(s).			
Type	SL-SMT 3.50/08/180F 1.5 ...	Version	Product data	Packaging
Order No.	1761022001	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248131594			
Qty.	48 pc(s).			
Type	SL-SMT 3.50/08/180F 1.5 ...	Version	Product data	Packaging
Order No.	1761024001	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, black, Tape	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248135851			
Qty.	265 pc(s).			

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 BK ...	Version	Product data	Packaging
Order No.	1704250000	PCB plug-in connector, male header, Flange, THT solder connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: / 17 A	Box
GTIN (EAN)	4008190912093		UL: 300 V / 10 A	
Qty.	50 pc(s).			

BLIDCB 3.50/08/-F SN OR BX

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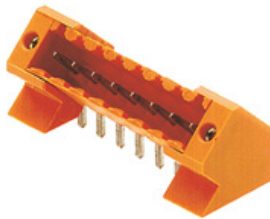
Germany

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Mating connector (fully pluggable)

Type	SL 3.50/08/90F 4.5 SN B ...	Version	Product data	Packaging
Order No.	1614200000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190021030	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, black, Box		
Type	SL 3.50/08/90F 4.5 SN OR ...	Version	Product data	Packaging
Order No.	1611550000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190192433	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		
Type	SL 3.50/08/90F 3.2 SN GY ...	Version	Product data	Packaging
Order No.	1619910000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190149178	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Pebble grey, Box		
Type	SL 3.50/08/90F 3.2 SN DK ...	Version	Product data	Packaging
Order No.	1620120000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190151966	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Signal green, Box		
Type	SL 3.50/08/90F 3.2 SN OR ...	Version	Product data	Packaging
Order No.	1607100000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190157661	3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	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 3.2 SN O ...	Version	Product data	Packaging
Order No.	1643390000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 15 A	Box
GTIN (EAN)	4008190282158	3.50 mm, Number of poles: 8, 135°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	48 pc(s).	tinned, orange, Box		
Type	SL 3.50/08/135F 4.5 SN B ...	Version	Product data	Packaging
Order No.	1643870000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 15 A	Box
GTIN (EAN)	4008190282639	3.50 mm, Number of poles: 8, 135°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, black, Box		
Type	SL 3.50/08/135F 4.5 SN O ...	Version	Product data	Packaging
Order No.	1643640000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 15 A	Box
GTIN (EAN)	4008190282400	3.50 mm, Number of poles: 8, 135°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		

BLIDCB 3.50/08/-F SN OR BX

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 D-32758 Detmold
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Mating connector (fully pluggable)

SL-SMT 3.5/180LF Box



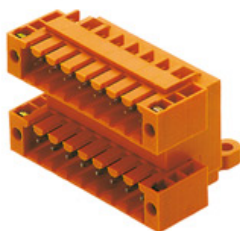
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/08/180LF 1. ...	Version	Product data	Packaging
Order No.	1804760000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248268542			
Qty.	48 pc(s).			
Type	SL-SMT 3.50/08/180LF 3. ...	Version	Product data	Packaging
Order No.	1842600000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248353965			
Qty.	48 pc(s).			

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 4.5SN B ...	Version	Product data	Packaging
Order No.	1634560000	PCB plug-in connector, male header, Flange, THT solder connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l): 4.5 mm, tinned, black, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box
GTIN (EAN)	4008190259013			
Qty.	20 pc(s).			
Type	SLD 3.50/16/90F 3.2SN O ...	Version	Product data	Packaging
Order No.	1633870000	PCB plug-in connector, male header, Flange, THT solder connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l): 3.2 mm, tinned, orange, Box	IEC: 200 V / 10.5 A UL: 300 V / 8 A	Box
GTIN (EAN)	4008190258320			
Qty.	20 pc(s).			

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (fully pluggable)

SL-SMT 3.50/90F Tray



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	Product data	Packaging
Order No.	1762063001	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, black, Tray	IEC: 320 V / 15 A UL: 300 V / 10 A	Tray
GTIN (EAN)	4032248134106			
Qty.	42 pc(s).			

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	Product data	Packaging
Order No.	1842140000	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248353491			
Qty.	48 pc(s).			

BLIDCB 3.50/08/-F SN OR BX

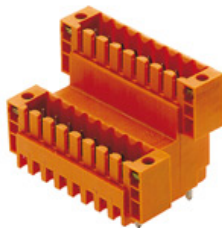
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 Germany

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Mating connector (fully pluggable)

Type	SL-SMT 3.50/08/90F 1.5S ...	Version	Product data	Packaging
Order No.	1762062001	PCB plug-in connector, male header, Flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248132478	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, 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	Product data	Packaging
Order No.	1641270000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279677	3.50 mm, Number of poles: 16, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 8 A	
Qty.	20 pc(s).	tinned, orange, 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 3.50/08/90F 1.5S ...	Version	Product data	Packaging
Order No.	1762064001	PCB plug-in connector, male header, Flange, THT/THR solder	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248136247	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	385 pc(s).	1.5 mm, tinned, black, Tape		

BLIDCB 3.50/08/-F SN OR BX
Weidmüller Interface GmbH & Co. KG

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Mating connector (fully pluggable)
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	Product data	Packaging
Order No.	1642400000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280925	3.50 mm, Number of poles: 16, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 8 A	
Qty.	20 pc(s).	tinned, orange, Box		

SL-SMT 3.5/90LF Box


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

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

General ordering data

Type	SL-SMT 3.50/08/90LF 3.2 ...	Version	Product data	Packaging
Order No.	1841920000	PCB plug-in connector, male header, Solder flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248353279	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	48 pc(s).	3.2 mm, tinned, black, Box		

Type	SL-SMT 3.50/08/90LF 1.5 ...	Version	Product data	Packaging
Order No.	1805000000	PCB plug-in connector, male header, Solder flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248268900	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	48 pc(s).	1.5 mm, tinned, black, Box		

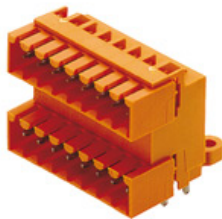
BLIDCB 3.50/08/-F SN OR BX**Weidmüller Interface GmbH & Co. KG**

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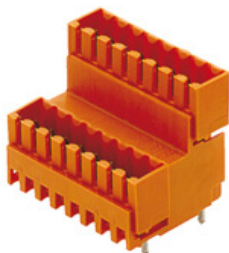
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Mating connector (conditionally pluggable)**SLD 3.50/90G**

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 B ...	Version	Product data	Packaging
Order No.	1762970000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4032248049325	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, black, Box		
Type	SLD 3.50/16/90G 4.5SN B ...	Version	Product data	Packaging
Order No.	1634330000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258788	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, Box		
Type	SLD 3.50/16/90G 3.2SN O ...	Version	Product data	Packaging
Order No.	1633640000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258092	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	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	Product data	Packaging
Order No.	1641230000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279639	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 3.2 mm, tinned, Signal green, Box		
Type	SLD 3.50V/16/180G 4.5SN ...	Version	Product data	Packaging
Order No.	1641760000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280178	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 4.5 mm, tinned, black, Box		
Type	SLD 3.50V/16/180G 3.2SN ...	Version	Product data	Packaging
Order No.	1641140000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279547	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 3.2 mm, tinned, orange, Box		

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

Type	SLD 3.50V/16/180G 4.5SN ...	Version	Product data	Packaging
Order No.	1641640000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280048	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(I): 4.5 mm, tinned, orange, Box		

SL-SMT 3.5/180G Tray



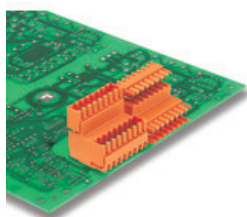
High-temperature-resistant male header, 3.50 mm pitch.

- **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	Product data	Packaging
Order No.	1753043001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tray
GTIN (EAN)	4032248132775	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (I):	UL: 300 V / 10 A	
Qty.	54 pc(s).	1.5 mm, tinned, black, Tray		

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	Product data	Packaging
Order No.	1641010000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279417	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(I): 3.2 mm, tinned, orange, Box		
Type	SLD 3.50V/16/180 4.5SN ...	Version	Product data	Packaging
Order No.	1641520000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279929	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(I): 4.5 mm, tinned, black, Box		

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

Type	SLD 3.50V/16/180 4.5SN ...	Version	Product data	Packaging
Order No.	1641400000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279806	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 4.5 mm, tinned, orange, Box		
Type	SLD 3.50V/16/180 3.2SN ...	Version	Product data	Packaging
Order No.	1641100000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190279509	connection, 3.50 mm, Number of poles: 16, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 3.2 mm, tinned, Signal green, 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 3.50/08/90G 1.5S ...	Version	Product data	Packaging
Order No.	1761604001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248136049	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	385 pc(s).	1.5 mm, tinned, black, Tape		

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 4.5SN ...	Version	Product data	Packaging
Order No.	1642890000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190281489	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, Box		

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

Type	SLD 3.50V/16/90G 3.2SN ...	Version	Product data	Packaging
Order No.	1642270000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280796	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, orange, Box		
Type	SLD 3.50V/16/90G 4.5SN ...	Version	Product data	Packaging
Order No.	1642770000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190281366	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, orange, Box		
Type	SLD 3.50V/16/90G 3.2SN ...	Version	Product data	Packaging
Order No.	1642360000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280888	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, Signal green, 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 3.50/08/180G 1.5 ...	Version	Product data	Packaging
Order No.	1753042001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248130948	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, Box		
Type	SL-SMT 3.50/08/180G 3.2 ...	Version	Product data	Packaging
Order No.	1842380000	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248353736	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

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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	Product data	Packaging
Order No.	1841690000	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248353040			
Qty.	50 pc(s).			
Type	SL-SMT 3.50/08/90G 1.5S ...	Version	Product data	Packaging
Order No.	1761602001	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248132096			
Qty.	50 pc(s).			

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

SL-THR 3.5/135F



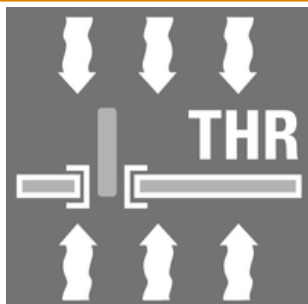
High-temperature-resistant male header, 3.50 mm pitch.

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

General ordering data

Type	SL-SMT 3.50/08/135F 3.2 ...	Version	Product data	Packaging
Order No.	1003570000	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 8, 135°, Solder pin length (l):	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248700196	3.2 mm, tinned, black, Box	UL: 300 V / 10 A	
Qty.	48 pc(s).			

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	Product data	Packaging
Order No.	1761834001	PCB plug-in connector, male header, open side, THT/THR solder connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248136148	1.5 mm, tinned, black, Tape	UL: 300 V / 10 A	
Qty.	385 pc(s).			

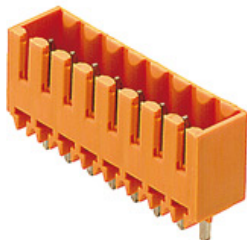
BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

SL 3.50/180G



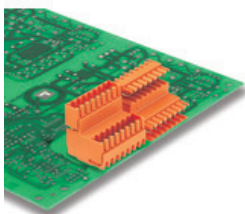
Pin headers for wave soldering in 3.50 mm pitch

- 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	Product data	Packaging
Order No.	1604530000	PCB plug-in connector, male header, closed side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190090975	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		
Type	SL 3.50/08/180G 3.2SN D ...	Version	Product data	Packaging
Order No.	1607410000	PCB plug-in connector, male header, closed side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190091385	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, Box		
Type	SL 3.50/08/180G 4.5SN O ...	Version	Product data	Packaging
Order No.	1604680000	PCB plug-in connector, male header, closed side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190059026	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, Box		
Type	SL 3.50/08/180G 4.5SN B ...	Version	Product data	Packaging
Order No.	1614250000	PCB plug-in connector, male header, closed side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190021702	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	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.

General ordering data

Type	SLD 3.50V/16/90 3.2SN G ...	Version	Product data	Packaging
Order No.	1642230000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280741	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, Signal green, Box		
Type	SLD 3.50V/16/90 3.2SN O ...	Version	Product data	Packaging
Order No.	1642120000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190280628	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, orange, Box		

BLIDCB 3.50/08/-F SN OR BX

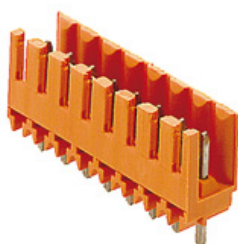
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmuller.com

Mating connector (conditionally pluggable)

Type	SLD 3.50V/16/90 4.5SN B ...	Version	Product data	Packaging
Order No.	1642650000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190281175	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, Box		
Type	SLD 3.50V/16/90 4.5SN O ...	Version	Product data	Packaging
Order No.	1642530000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190281052	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, orange, Box		
Type	SLD 3.50V/16/90 3.2SN G ...	Version	Product data	Packaging
Order No.	1646410000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190286019	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, Pebble grey, 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 GY ...	Version	Product data	Packaging
Order No.	1621540000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190174842	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Pebble grey, Box		
Type	SL 3.50/08/180 3.2SN OR ...	Version	Product data	Packaging
Order No.	1604830000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190170684	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		
Type	SL 3.50/08/180 4.5SN BK ...	Version	Product data	Packaging
Order No.	1614220000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190021122	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		
Type	SL 3.50/08/180 4.5 SN O ...	Version	Product data	Packaging
Order No.	1604980000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190158316	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, Box		
Type	SL 3.50/08/180 3.2SN DK ...	Version	Product data	Packaging
Order No.	1607260000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190148140	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, Box		

BLIDCB 3.50/08/-F SN OR BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

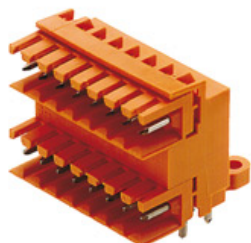
D-32758 Detmold

Germany

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Mating connector (conditionally pluggable)

SLD 3.50/90

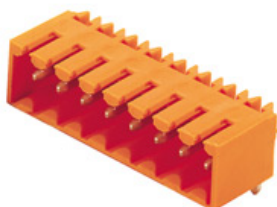


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/16/90 4.5SN BK ...	Version	Product data	Packaging
Order No.	1634100000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258559	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, Box		
Type	SLD 3.50/16/90 3.2SN OR ...	Version	Product data	Packaging
Order No.	1633410000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190257866	connection, 3.50 mm, Number of poles: 16, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	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 3.50/08/90G 3.2SN OR ...	Version	Product data	Packaging
Order No.	1605130000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190172022	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		
Type	SL 3.50/08/90G 3.2SN GY ...	Version	Product data	Packaging
Order No.	1619520000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190141790	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Pebble grey, Box		
Type	SL 3.50/08/90G 3.2SN BK ...	Version	Product data	Packaging
Order No.	1766970000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)		connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		
Type	SL 3.50/08/90G 4.5SN BK ...	Version	Product data	Packaging
Order No.	1614180000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190020828	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		

BLIDCB 3.50/08/-F SN OR BX

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Mating connector (conditionally pluggable)

Type	SL 3.50/08/90G 3.2SN DK ...	Version	Product data	Packaging
Order No.	1597190000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190088743	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, Box		
Type	SL 3.50/08/90G 4.5SN OR ...	Version	Product data	Packaging
Order No.	1605280000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190104924	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, 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 3.50/08/180G 1.5 ...	Version	Product data	Packaging
Order No.	1753044001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248135646	connection, 3.50 mm, Number of poles: 8, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	265 pc(s).	1.5 mm, tinned, black, Tape		

BLIDCB 3.50/08/-F SN OR BX

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Klingenbergstraße 26
D-32758 Detmold
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Mating connector (conditionally pluggable)

SL-SMT 3.5/90G Tray



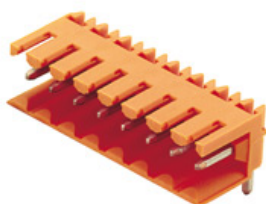
High-temperature-resistant male header, 3.50 mm pitch.

- **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	Product data	Packaging
Order No.	1761603001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tray
GTIN (EAN)	4032248133871	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	54 pc(s).	1.5 mm, tinned, black, Tray		

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	Product data	Packaging
Order No.	1678850000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190467685	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, black, Box		
Type	SL 3.50/08/90 4.5SN OR ...	Version	Product data	Packaging
Order No.	1605430000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190030971	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, Box		
Type	SL 3.50/08/90 3.2SN OR ...	Version	Product data	Packaging
Order No.	1597270000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190042431	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

BLIDCB 3.50/08/-F SN OR BX

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 D-32758 Detmold
 Germany

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Mating connector (conditionally pluggable)

Type	SL 3.50/08/90 3.2SN GY ...	Version	Product data	Packaging
Order No.	1619130000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190134495	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Pebble grey, Box		
Type	SL 3.50/08/90 4.5SN BK ...	Version	Product data	Packaging
Order No.	1614140000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190019723	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		
Type	SL 3.50/08/90 3.2SN DKG ...	Version	Product data	Packaging
Order No.	1599000000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190114244	connection, 3.50 mm, Number of poles: 8, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, Box		

BLIDCB 3.50/08/-F SN OR BX

Weidmüller Interface GmbH & Co. KG

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D-32758 Detmold

Germany

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

Rev.

Application notes		
Coding possibility	yes/no	yes (accessory)
Joinable without loss of pitch	yes/no	yes
Manual assembly of modules	yes/no	no
Max. number of poles	n	12

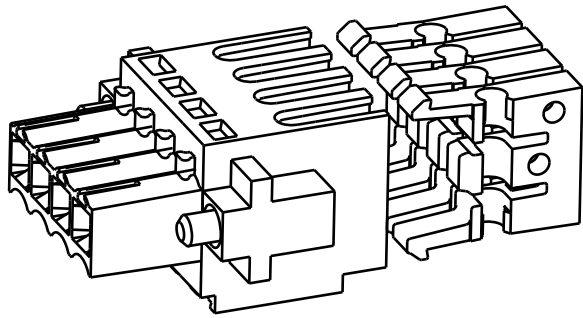
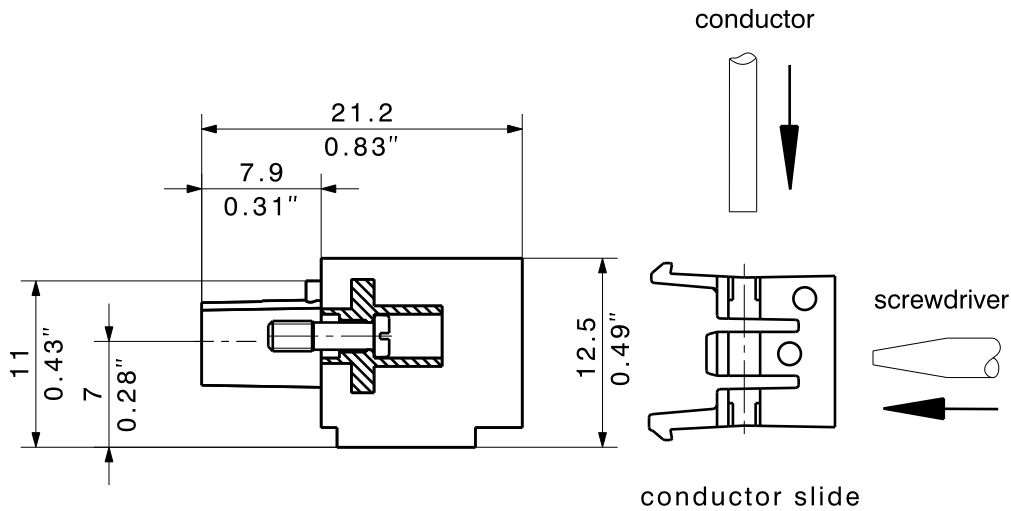
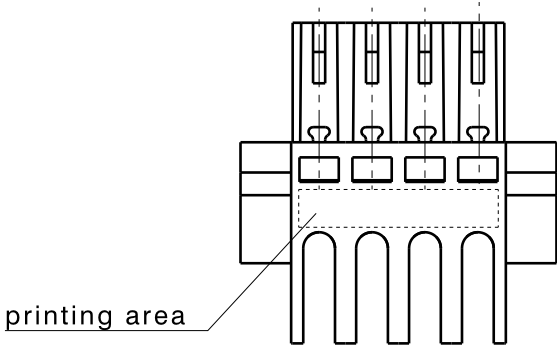
IEC 664-1 / VDE0110 (4.97) rated data		
Rated cross section acc. to EN 60999	mm ²	0.5
Rated current @ 20°C ambient (together with)	A	6 (SL 3.5) 3)
Rated current @ 40°C ambient (together with)	A	6 (SL 3.5) 3)
Overvoltage category / Pollution degree		III/3 III/2 II/2
Rated voltage	V	160 250 320
Rated impulse voltage	kV	2.5 2.5 2.5

File No.: E60693

 File No.: LR12400

Downloads

www.weidmueller.de

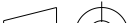


16	52,50	2,067
15	49,00	1,929
14	45,50	1,791
13	42,00	1,654
12	38,50	1,516
11	35,00	1,378
10	31,50	1,240
9	28,00	1,102
8	24,50	0,965
7	21,00	0,827
6	17,50	0,689
5	14,00	0,551
4	10,50	0,413
3	7,00	0,276
2	3,50	0,138
n	L1 [mm]	L1 [inch]

Subject to technical changes

Weidmüller PCB components are tested to the DIN EN 61984 standard, and are valid for its field of application. Provided that the components are used to the intended purpose, all requirements with respect to the occurring of electrical, mechanical, thermic and corrosive stress will be satisfied.

shown: BLIDCB 3.5/4F

METRIC TOLERANCES: X. = ±0.3 X.X = ±0.1 X.XX = ±0.05	③ : .	.							
	② : .	.	Weidmüller 				C 27649	①	
	① : .	.							
	MODIFICATION			DRAWING NO.		ISSUE NO.			
			SHEET: 2 OF 2 SHEETS						
METRIC/INCH DIMENSIONS 		DATE	NAME	BLIDCB 3.5/2...12/F Socket Block					
	DRAWN	17.12.02	Lux						
	RESPONSIBLE	17.12.02	Lux						
	CHECKED	25.09.03	Phillips						
SUPERSEDES: .	CHECKED	25.09.03	Phillips	PRODUCT FILE: BLIDCB 3.5					Customer Drawing
SUPERSEDED BY: .	APPROVED	26.09.03	Endres						