

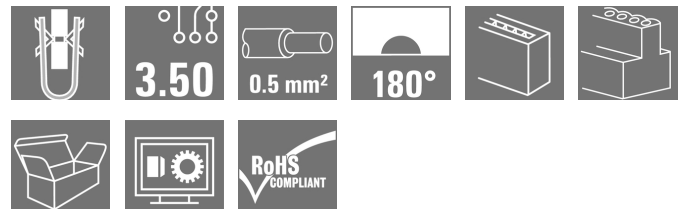
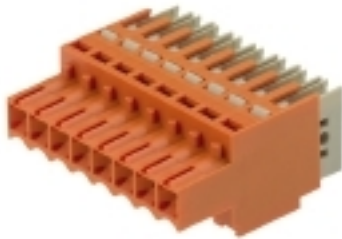
BLIDCB 3.50/07/- SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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: 7, 90°/270°, IDC terminal, Clamping range, max. : 0.5 mm², Box
Order No.	1751430000
Type	BLIDCB 3.50/07/- SN OR BX
GTIN (EAN)	4032248174362
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 1:35:31 AM CEST

BLIDCB 3.50/07/- SN OR BX**Weidmüller Interface GmbH & Co. KG**

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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	7.3 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	7	L1 in mm	21 mm
L1 in inches	0.827 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		

Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	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

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.

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Technical data**Rated data acc. to IEC**

tested acc. to standard

IEC 60664-1, IEC 61984

Rated current, max. number of poles
(Tu=20°C)

6 A

Rated current, max. number of poles
(Tu=40°C)

5 A

Rated voltage for surge voltage class /
pollution degree III/2

160 V

Rated impulse voltage for surge voltage
class/ pollution degree II/2

2.5 kV

Rated impulse voltage for surge voltage
class/ contamination degree III/3

2.5 kV

Rated current, min. number of poles
(Tu=20°C)

6 A

Rated current, min. number of poles
(Tu=40°C)

6 A

Rated voltage for surge voltage class /
pollution degree II/2

250 V

Rated voltage for surge voltage class /
pollution degree III/3

160 V

Rated impulse voltage for surge voltage
class/ pollution degree III/2

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 current (Use group B / CSA)

7 A

Wire cross-section, AWG, min.

AWG 22

Reference to approval values

Specifications are
maximum values, details -
see approval certificate.

Rated voltage (Use group D / CSA)

300 V

Rated current (Use group D / CSA)

7 A

Wire cross-section, AWG, max.

AWG 20

Rated data acc. to UL 1059

Institute (UR)



Certificate No. (UR)

E60693

Rated voltage (Use group B / UL 1059)

300 V

Rated current (Use group B / UL 1059)

7 A

Wire cross-section, AWG, min.

AWG 22

Reference to approval values

Specifications are
maximum values, details -
see approval certificate.

Rated voltage (Use group D / UL 1059)

300 V

Rated current (Use group D / UL 1059)

7 A

Wire cross-section, AWG, max.

AWG 20

Packing

Packaging

Box

VPE length

73 mm

VPE width

90 mm

VPE height

42 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

BLIDCB 3.50/07/- SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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Technical data**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 3.50/07/- 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

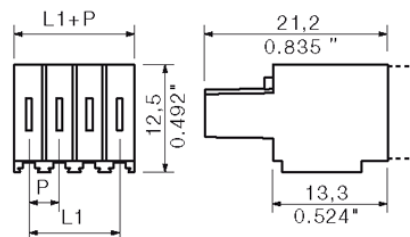
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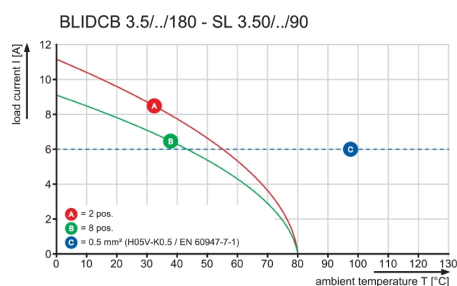
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Drawings

Dimensional drawing



Graph



BLIDCB 3.50/07/- SN OR BX

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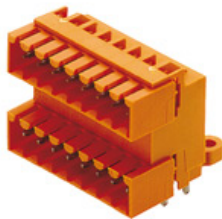
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Mating connector (fully pluggable)

SLD 3.50/90G

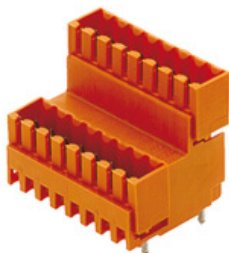


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/14/90G 3.2SN O ...	Version	Product data	Packaging
Order No.	1633630000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258085	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, orange, Box		
Type	SLD 3.50/14/90G 3.2SN D ...	Version	Product data	Packaging
Order No.	1674920000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190445614	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, Signal green, Box		
Type	SLD 3.50/14/90G 4.5SN B ...	Version	Product data	Packaging
Order No.	1634320000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258771	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, 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/14/180G 4.5SN ...	Version	Product data	Packaging
Order No.	1698970000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190888800	connection, 3.50 mm, Number of poles: 14, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 4.5 mm, tinned, black, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (fully pluggable)

SL-SMT 3.5/180G Tray



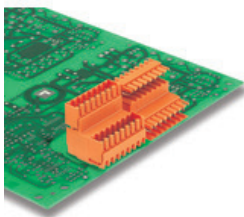
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/07/180G 1.5 ...	Version	Product data	Packaging
Order No.	1753033001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tray
GTIN (EAN)	4032248132768	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	60 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/14/180 4.5SN ...	Version	Product data	Packaging
Order No.	1698860000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190888756	connection, 3.50 mm, Number of poles: 14, 180°, Solder pin length	UL: 300 V / 8 A	
Qty.	20 pc(s).	(l): 4.5 mm, tinned, black, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (fully pluggable)

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 3.50/07/90G 1.5S ...	Version	Product data	Packaging
Order No.	1761594001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248136032	connection, 3.50 mm, Number of poles: 7, 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/14/90G 4.5SN ...	Version	Product data	Packaging
Order No.	1699290000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190889128	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (fully pluggable)

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 3.50/07/90G 1.5S ...	Version	Product data	Packaging
Order No.	1761592001	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248132089			
Qty.	50 pc(s).			
Type	SL-SMT 3.50/07/90G 3.2S ...	Version	Product data	Packaging
Order No.	1841680000	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248353033			
Qty.	50 pc(s).			

BLIDCB 3.50/07/- SN OR BX

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Mating connector (fully pluggable)

SL-THR 3.5/135F



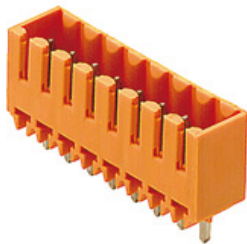
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/07/135F 3.2 ...	Version	Product data	Packaging
Order No.	1003560000	PCB plug-in connector, male header, Flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248700189	connection, 3.50 mm, Number of poles: 7, 135°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	54 pc(s).	3.2 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 3.50/07/180G 4.5SN B ...	Version	Product data	Packaging
Order No.	1616060000	PCB plug-in connector, male header, closed side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190065942	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		

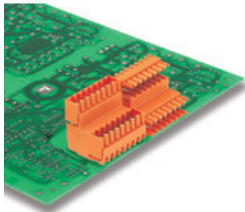
Type	SL 3.50/07/180G 3.2SN O ...	Version	Product data	Packaging
Order No.	1604520000	PCB plug-in connector, male header, closed side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190178727	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX
Weidmüller Interface GmbH & Co. KG

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D-32758 Detmold

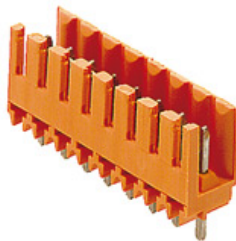
Germany

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Mating connector (fully pluggable)
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/14/90 4.5SN B ...	Version	Product data	Packaging
Order No.	1699180000	PCB plug-in connector, male header, closed side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190889012	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, 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 3.50/07/180 3.2SN GY ...	Version	Product data	Packaging
Order No.	1621530000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190174743	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Pebble grey, Box		
Type	SL 3.50/07/180 3.2SN DK ...	Version	Product data	Packaging
Order No.	1607250000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190040024	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, Box		
Type	SL 3.50/07/180 3.2SN OR ...	Version	Product data	Packaging
Order No.	1604820000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190176129	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		
Type	SL 3.50/07/180 4.5SN BK ...	Version	Product data	Packaging
Order No.	1610160000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190118303	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		
Type	SL 3.50/07/180 4.5 SN O ...	Version	Product data	Packaging
Order No.	1604970000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190131203	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX

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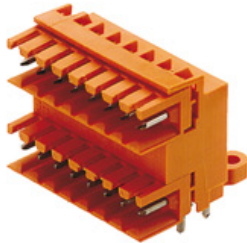
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Mating connector (fully pluggable)

SLD 3.50/90

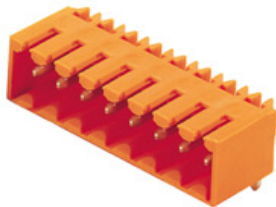


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

General ordering data

Type	SLD 3.50/14/90 3.2SN OR ...	Version	Product data	Packaging
Order No.	1633400000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190257859	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	3.2 mm, tinned, orange, Box		
Type	SLD 3.50/14/90 4.5SN BK ...	Version	Product data	Packaging
Order No.	1634090000	PCB plug-in connector, male header, open side, THT solder	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258542	connection, 3.50 mm, Number of poles: 14, 90°, Solder pin length (l):	UL: 300 V / 8 A	
Qty.	20 pc(s).	4.5 mm, tinned, black, Box		

SL 3.50/90G



Pin headers for wave soldering in 3.50 mm pitch

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

General ordering data

Type	SL 3.50/07/90G 3.2SN GY ...	Version	Product data	Packaging
Order No.	1619510000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190141370	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Pebble grey, Box		
Type	SL 3.50/07/90G 3.2SN OR ...	Version	Product data	Packaging
Order No.	1605120000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190169954	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		
Type	SL 3.50/07/90G 4.5SN OR ...	Version	Product data	Packaging
Order No.	1605270000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190069599	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, Box		
Type	SL 3.50/07/90G 4.5SN BK ...	Version	Product data	Packaging
Order No.	1615450000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190055578	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (fully pluggable)

Type	SL 3.50/07/90G 3.2SN DK ...	Version	Product data	Packaging
Order No.	1606950000	PCB plug-in connector, male header, closed side, THT solder	IEC: / 17 A	Box
GTIN (EAN)	4008190173678	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, 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 3.50/07/180G 1.5 ...	Version	Product data	Packaging
Order No.	1753034001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248135639	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	265 pc(s).	1.5 mm, tinned, black, Tape		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (fully pluggable)

SL-SMT 3.5/90G Tray



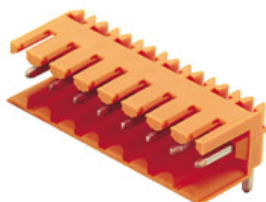
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/07/90G 1.5S ...	Version	Product data	Packaging
Order No.	1761593001	PCB plug-in connector, male header, closed side, THT/THR solder	IEC: 320 V / 15 A	Tray
GTIN (EAN)	4032248133864	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	60 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 3.50/07/90 3.2SN DKG ...	Version	Product data	Packaging
Order No.	1606830000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190183684	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Signal green, Box		
Type	SL 3.50/07/90 4.5SN BK ...	Version	Product data	Packaging
Order No.	1615340000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190052959	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, black, Box		
Type	SL 3.50/07/90 3.2SN OR ...	Version	Product data	Packaging
Order No.	1597260000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190044350	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX**Weidmüller Interface GmbH & Co. KG**

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Mating connector (fully pluggable)

Type	SL 3.50/07/90 3.2SN GY ...	Version	Product data	Packaging
Order No.	1619120000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190134440	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	3.2 mm, tinned, Pebble grey, Box		
Type	SL 3.50/07/90 4.5SN OR ...	Version	Product data	Packaging
Order No.	1605420000	PCB plug-in connector, male header, open side, THT solder	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190136468	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	4.5 mm, tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX

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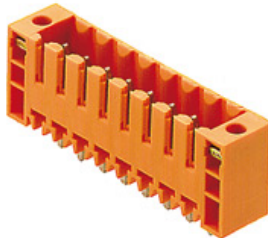
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Mating connector (conditionally pluggable)

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 3.50/07/180F 3.2SN O ...	Version	Product data	Packaging
Order No.	1607550000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190060343	3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		
Type	SL 3.50/07/180F 3.2SN G ...	Version	Product data	Packaging
Order No.	1622310000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190190019	3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Pebble grey, Box		
Type	SL 3.50/07/180F 4.5SN B ...	Version	Product data	Packaging
Order No.	1616190000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190068462	3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, black, Box		
Type	SL 3.50/07/180F 3.2SN D ...	Version	Product data	Packaging
Order No.	1622530000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190193195	3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Signal green, Box		
Type	SL 3.50/07/180F 4.5SN O ...	Version	Product data	Packaging
Order No.	1618740000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 17 A	Box
GTIN (EAN)	4008190127329	3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally 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 3.50/07/90LF 1.5 ...	Version	Product data	Packaging
Order No.	1805360000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape
GTIN (EAN)	4032248269716			
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 3.50/07/180LF 1.5 ...	Version	Product data	Packaging
Order No.	1805280000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, black, Tape	IEC: 320 V / 15 A UL: 300 V / 10 A	Tape
GTIN (EAN)	4032248269549			
Qty.	265 pc(s).			

BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally pluggable)

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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 3.50/07/180G 1.5 ...	Version	Product data	Packaging
Order No.	1753032001	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248130931			
Qty.	50 pc(s).			
Type	SL-SMT 3.50/07/180G 3.2 ...	Version	Product data	Packaging
Order No.	1842370000	PCB plug-in connector, male header, closed side, THT/THR solder connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248353729			
Qty.	50 pc(s).			

BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/180F Box



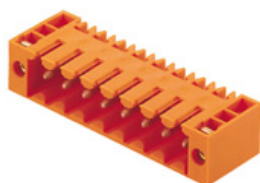
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/07/180F 3.2 ...	Version	Product data	Packaging
Order No.	1842820000	PCB plug-in connector, male header, Flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248354184	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	54 pc(s).	3.2 mm, tinned, black, Box		

SL 3.50/90F



Pin headers for wave soldering in 3.50 mm pitch

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

General ordering data

Type	SL 3.50/07/90F 3.2SN DK ...	Version	Product data	Packaging
Order No.	1620110000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190151775	3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Signal green, Box		
Type	SL 3.50/07/90F 4.5SN BK ...	Version	Product data	Packaging
Order No.	1615580000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190057510	3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, black, Box		
Type	SL 3.50/07/90F 3.2SN GY ...	Version	Product data	Packaging
Order No.	1619900000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190149123	3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, Pebble grey, Box		

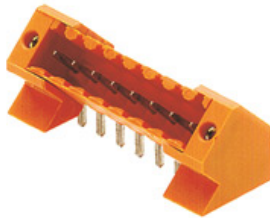
BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally pluggable)

Type	SL 3.50/07/90F 4.5SN OR ...	Version	Product data	Packaging
Order No.	1618110000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190116392	3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		
Type	SL 3.50/07/90F 3.2SN OR ...	Version	Product data	Packaging
Order No.	1607090000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: / 17 A	Box
GTIN (EAN)	4008190184216	3.50 mm, Number of poles: 7, 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 3.50/07/135F 4.5SN B ...	Version	Product data	Packaging
Order No.	1643860000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 15 A	Box
GTIN (EAN)	4008190282622	3.50 mm, Number of poles: 7, 135°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, black, Box		
Type	SL 3.50/07/135F 4.5SN O ...	Version	Product data	Packaging
Order No.	1643630000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 15 A	Box
GTIN (EAN)	4008190282394	3.50 mm, Number of poles: 7, 135°, Solder pin length (l): 4.5 mm,	UL: 300 V / 10 A	
Qty.	50 pc(s).	tinned, orange, Box		
Type	SL 3.50/07/135F 3.2SN O ...	Version	Product data	Packaging
Order No.	1643380000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 320 V / 15 A	Box
GTIN (EAN)	4008190282141	3.50 mm, Number of poles: 7, 135°, Solder pin length (l): 3.2 mm,	UL: 300 V / 10 A	
Qty.	54 pc(s).	tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally pluggable)

SL-SMT 3.5/180LF Box



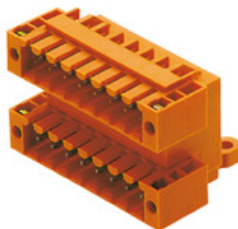
High-temperature-resistant male header, 3.50 mm pitch.

- **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 3.50/07/180LF 3. ...	Version	Product data	Packaging
Order No.	1842590000	PCB plug-in connector, male header, Solder flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248353958	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	54 pc(s).	3.2 mm, tinned, black, Box		
Type	SL-SMT 3.50/07/180LF 1. ...	Version	Product data	Packaging
Order No.	1804750000	PCB plug-in connector, male header, Solder flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248268535	connection, 3.50 mm, Number of poles: 7, 180°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	1.5 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 3.50/14/90F 4.5SN B ...	Version	Product data	Packaging
Order No.	1634550000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190259006	3.50 mm, Number of poles: 14, 90°, Solder pin length (l): 4.5 mm,	UL: 300 V / 8 A	
Qty.	20 pc(s).	tinned, black, Box		
Type	SLD 3.50/14/90F 3.2SN O ...	Version	Product data	Packaging
Order No.	1633860000	PCB plug-in connector, male header, Flange, THT solder connection,	IEC: 200 V / 10.5 A	Box
GTIN (EAN)	4008190258313	3.50 mm, Number of poles: 14, 90°, Solder pin length (l): 3.2 mm,	UL: 300 V / 8 A	
Qty.	20 pc(s).	tinned, orange, Box		

BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally 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 3.50/07/90F 1.5S ...	Version	Product data	Packaging
Order No.	1762053001	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, black, Tray	IEC: 320 V / 15 A UL: 300 V / 10 A	Tray
GTIN (EAN)	4032248134090			
Qty.	48 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 3.50/07/90F 3.2S ...	Version	Product data	Packaging
Order No.	1842130000	PCB plug-in connector, male header, Flange, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248353484			
Qty.	54 pc(s).			

BLIDCB 3.50/07/- SN OR BX

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Mating connector (conditionally pluggable)

Type	SL-SMT 3.50/07/90F 1.5S ...	Version	Product data	Packaging
Order No.	1762052001	PCB plug-in connector, male header, Flange, THT/THR solder	IEC: 320 V / 15 A	Box
GTIN (EAN)	4032248132461	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	50 pc(s).	1.5 mm, tinned, black, Box		

SL-SMT 3.50/90F Tape



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

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

General ordering data

Type	SL-SMT 3.50/07/90F 1.5S ...	Version	Product data	Packaging
Order No.	1762054001	PCB plug-in connector, male header, Flange, THT/THR solder	IEC: 320 V / 15 A	Tape
GTIN (EAN)	4032248136230	connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l):	UL: 300 V / 10 A	
Qty.	385 pc(s).	1.5 mm, tinned, black, Tape		

BLIDCB 3.50/07/- SN OR BX

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

www.weidmueller.com

Mating connector (conditionally pluggable)

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 3.50/07/90LF 3.2 ...	Version	Product data	Packaging
Order No.	1841910000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248353262			
Qty.	54 pc(s).			
Type	SL-SMT 3.50/07/90LF 1.5 ...	Version	Product data	Packaging
Order No.	1804990000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 3.50 mm, Number of poles: 7, 90°, Solder pin length (l): 1.5 mm, tinned, black, Box	IEC: 320 V / 15 A UL: 300 V / 10 A	Box
GTIN (EAN)	4032248268894			
Qty.	54 pc(s).			

BLIDCB 3.50/07/- SN OR BX

Weidmüller Interface GmbH & Co. KG

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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.

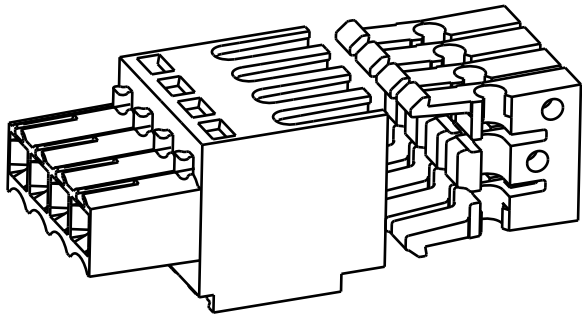
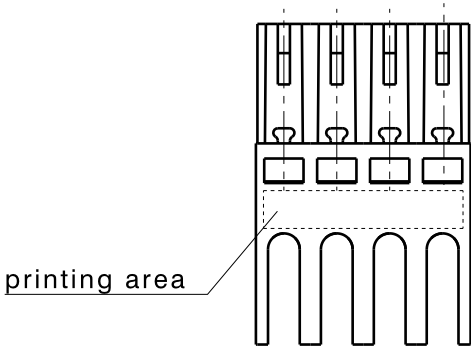
Application notes		
Coding possibility	yes/no	yes (accessory)
Joinable without loss of pitch	yes/no	yes
Manual assembly of modules	yes/no	no
Max. number of poles	n	12

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)
Rated current @ 40°C ambient (together with)	A	6 (SL 3.5)
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

CSA C22.2 rated data	File No.: LR12400	B	C	D
Rated voltage	V	300		
Rated current	A	7		
AWG wire range (field wiring / factory wiring)		22 ... 20		

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 3.5/4

V5 1002