Data sheet

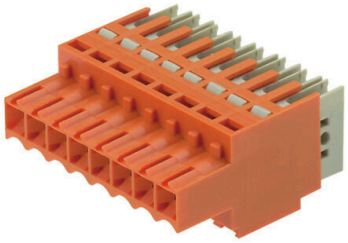
# BLIDCB 3.50/06/- SN OR BX

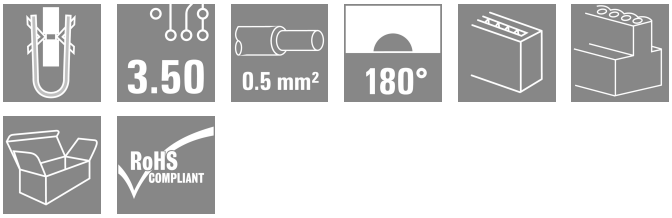
**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

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Do not use product for new developments

## Product image






Similar to illustration

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

## General ordering data

| | |
|---|---|
| Version | PCB plug-in connector, female plug, 3.50 mm, Number of poles: 6, 90°/270°, IDC terminal, Clamping range, max. : 0.5 mm², Box |
| Order No. | 1751420000 |
| Type | BLIDCB 3.50/06/- SN OR BX |
| GTIN (EAN) | 4032248174355 |
| Qty. | 10 items |
| Product data | IEC: 250 V / 6 A / 0.35 - 0.5 mm²<br>UL: 300 V / 7 A / AWG 22 - AWG 20 |
| Packaging | Box |
| Delivery status | Discontinued |
| Available until | 2023-09-30T00:00:00+02:00 |

Creation date 18.02.2026 11:53:37 MEZ

# Data sheet

## BLIDCB 3.50/06/- SN OR BX

**Weidmüller Interface GmbH & Co. KG**
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# Technical data

### Approvals

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

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 21.2 mm | Depth (inches) | 0.8346 inch |
| Height | 12.5 mm | Height (inches) | 0.4921 inch |
| Net weight | 5.72 g | | |

### Environmental Product Compliance

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

### System Parameters

| | | | |
|---|---|---|---|
| Product family | OMNIMATE Signal - series BL/SL 3.50 | Type of connection | Field connection |
| Wire connection method | IDC terminal | Pitch in mm (P) | 3.50 mm |
| Pitch in inches (P) | 0.138 " | Conductor outlet direction | 90°/270° |
| Number of poles | 6 | L1 in mm | 17.50 mm |
| L1 in inches | 0.689 " | Number of rows | 1 |
| Pin series quantity | 1 | Rated cross-section | 0.5 mm² |
| Touch-safe protection acc. to DIN VDE 57 106 | Safe from finger touch | Touch-safe protection acc. to DIN VDE 0470 | IP20 plugged/ IP10 unplugged |
| Volume resistance | ≤5 mΩ | Can be coded | Yes |
| Screwdriver blade | 0.4 x 2.5 | Screwdriver blade standard | DIN 5264-A |
| Plugging cycles | 25 | Plugging force/pole, max. | 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 | Moisture Level (MSL) | |
| UL 94 flammability rating | V-0 | Contact material | Cu-alloy |
| Contact surface | tinned | Storage temperature, min. | -40 °C |
| Storage temperature, max. | 70 °C | Operating temperature, min. | -50 °C |
| Operating temperature, max. | 80 °C | Temperature range, installation, min. | -25 °C |
| Temperature range, installation, max. | 80 °C | | |

### Conductors suitable for connection

| | | | |
|---|---|---|---|
| Clamping range, min. | 0.32 mm² | Clamping range, max. | 0.5 mm² |
| Wire connection cross section AWG, min. | AWG 22 | Wire connection cross section AWG, max. | AWG 20 |
| Solid, min. H05(07) V-U | 0.35 mm² | Solid, max. H05(07) V-U | 0.5 mm² |
| Flexible, min. H05(07) V-K | 0.35 mm² | Flexible, max. H05(07) V-K | 0.5 mm² |

# BLIDCB 3.50/06/- SN OR BX

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## Technical data

| | | | |
|---|---|---|---|
| w. wire end ferrule, DIN 46228 pt 1, min. | 0 mm² | w. wire end ferrule, DIN 46228 pt 1, max. | 0 mm² |
| Outer diameter of insulation, max. | 2.10 mm | Reference text | The outside diameter of the plastic collar should not be larger than the pitch (P), Length of ferrules is to be chosen depending on the product and the rated voltage. |

### Rated data acc. to IEC

| | | | |
|---|---|---|---|
| tested acc. to standard | IEC 60664-1, IEC 61984 | Rated current, min. number of poles (Tu=20°C) | 6 A |
| Rated current, max. number of poles (Tu=20°C) | 6 A | Rated current, min. number of poles (Tu=40°C) | 6 A |
| Rated current, max. number of poles (Tu=40°C) | 5 A | Rated voltage for surge voltage class / pollution degree II/2 | 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) | CSA | Certificate No. (CSA) | 200039-1068660 |
| Rated voltage (Use group B / CSA) | 300 V | Rated voltage (Use group D / CSA) | 300 V |
| Rated current (Use group B / CSA) | 7 A | Rated current (Use group D / CSA) | 7 A |
| Wire cross-section, AWG, min. | AWG 22 | Wire cross-section, AWG, max. | AWG 20 |
| Reference to approval values | Specifications are maximum values, details - see approval certificate. | | |

### Rated data acc. to UL 1059

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

### Packing

| | | | |
|---|---|---|---|
| Packaging | Box | VPE length | 90.00 mm |
| VPE width | 70.00 mm | VPE height | 42.00 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 3.50/06/- SN OR BX

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## Technical data

### Important note

| | |
|---|---|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes | • Additional variants on request<br>• Rated current related to rated cross-section & min. No. of poles.<br>• For IDC contact 0.5: cable acc. to DIN EN 60352-4<br>• AWG conductor: solid, 7 or 19 strands only<br>• Temperature range -20 to +80 °C<br>• BLIDC 3.5 and BLIDCB 3.5 conductors "solid"/"flexible" to DIN 47726<br>• P on drawing = pitch<br>• 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.<br>• In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load<br>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

### Classifications

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

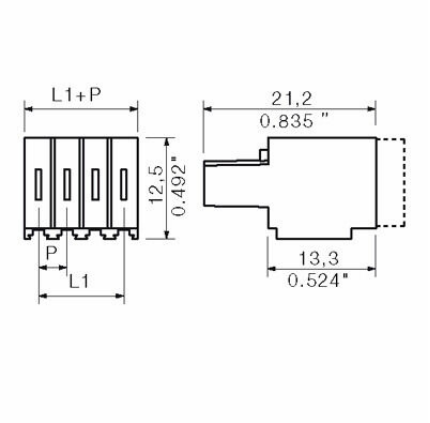
# BLIDCB 3.50/06/- SN OR BX

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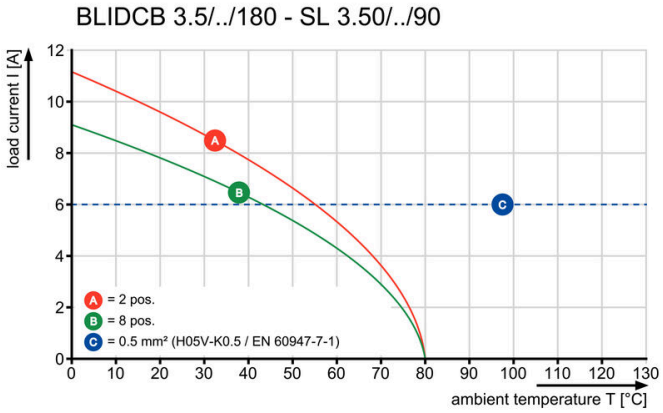
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## Drawings

### Dimensional drawing




### Graph



# BLIDCB 3.50/06/- SN OR BX

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## Accessories

### Coding elements



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

### General ordering data

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

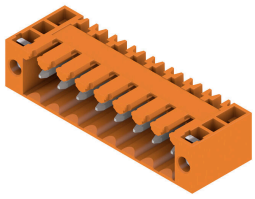
# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SL 3.50/90F

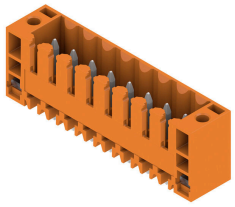


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90F 4.5 SN O... | Version |
| Order No. | 1618100000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190116248 | 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): 4.5 mm, |
| Qty. | 50 ST | tinned, orange, Box |

### SL 3.50/180F

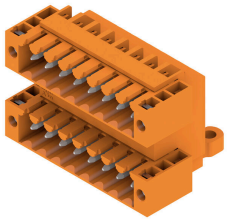


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/180F 4.5 SN ... | Version |
| Order No. | 1618730000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190127312 | 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): 4.5 mm, |
| Qty. | 50 ST | tinned, orange, 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 3.50/12/90F 3.2SN O... | Version |
| Order No. | 1633850000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190258306 | 3.50 mm, Number of poles: 12, 90°, Solder pin length (l): 3.2 mm, |
| Qty. | 50 ST | tinned, orange, Box |

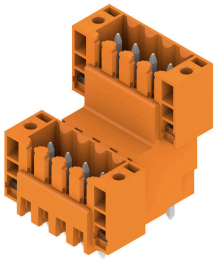
# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SLD 3.50V/180F

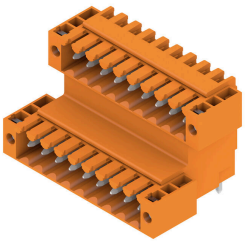


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

#### General ordering data

| | | |
|---|---|---|
| Type | SLD 3.50 V/12/180F 3.2 ... | Version |
| Order No. | 1641260000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190279660 | 3.50 mm, Number of poles: 12, 180°, Solder pin length (l): 3.2 mm, |
| Qty. | 50 ST | tinned, orange, Box |

### SLD 3.50V/90F

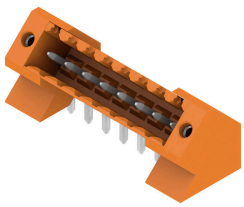


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

#### General ordering data

| | | |
|---|---|---|
| Type | SLD 3.50 V/12/90F 3.2 S... | Version |
| Order No. | 1642390000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190280918 | 3.50 mm, Number of poles: 12, 90°, Solder pin length (l): 3.2 mm, |
| Qty. | 50 ST | tinned, orange, Box |

### SL 3.50/135F



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/135F 3.2SN O... | Version |
| Order No. | 1643370000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190282134 | 3.50 mm, Number of poles: 6, 135°, Solder pin length (l): 3.2 mm, |
| Qty. | 66 ST | tinned, orange, Box |

# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SL-SMT 3.5/180G Box



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/180G 1.5... | Version |
| Order No. | 1753022001 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248130924 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 1.5 mm, tinned, black, Box |

### SL-SMT 3.5/180F Box

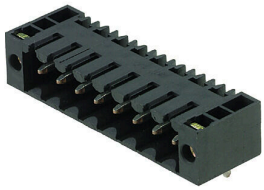


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all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

#### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/180F 1.5... | Version |
| Order No. | 1761002001 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248131570 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 66 ST | 1.5 mm, tinned, black, Box |

### SL-SMT 3.5/90F Box



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

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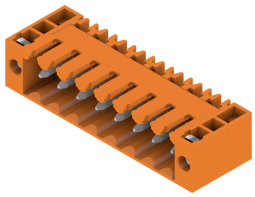
www.weidmueller.com

## Counterpart

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90F 1.5S... | Version |
| Order No. | 1762042001 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248132454 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 1.5 mm, tinned, black, Box |

### SL 3.50/90F

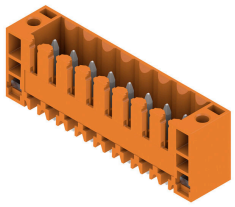


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90F 3.2SN OR... | Version |
| Order No. | 1607080000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190101312 | 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): 3.2 mm, |
| Qty. | 50 ST | tinned, orange, Box |

### SL 3.50/180F



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

### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/180F 3.2SN O... | Version |
| Order No. | 1607540000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190177140 | 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): 3.2 mm, |
| Qty. | 50 ST | tinned, orange, Box |

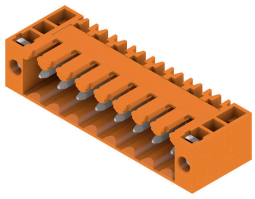
# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SL 3.50/90F

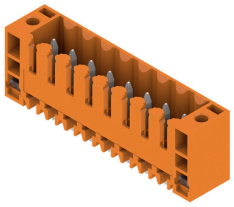


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90F 4.5 SN B... | Version |
| Order No. | 1615570000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190057411 | 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): 4.5 mm, |
| Qty. | 50 ST | tinned, black, Box |

### SL 3.50/180F



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/180F 4.5 SN ... | Version |
| Order No. | 1616180000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4008190068394 | 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): 4.5 mm, |
| Qty. | 50 ST | tinned, black, Box |

### SL-SMT 3.5/180F Box



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

# BLIDCB 3.50/06/- SN OR BX

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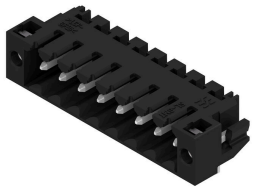
www.weidmueller.com

## Counterpart

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/180F 3.2... | Version |
| Order No. | 1842810000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248354177 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 66 ST | 3.2 mm, tinned, black, Box |

### SL-SMT 3.5/90LF Box

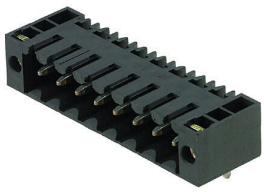


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all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

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90LF 3.2... | Version |
| Order No. | 1841900000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248353255 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 66 ST | 3.2 mm, tinned, black, Box |

### SL-SMT 3.5/90F Box



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

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90F 3.2S... | Version |
| Order No. | 1842120000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248353477 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 66 ST | 3.2 mm, tinned, black, Box |

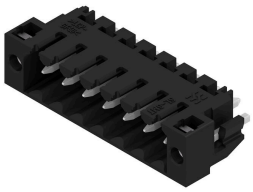
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## Counterpart

### SL-SMT 3.5/180LF Box

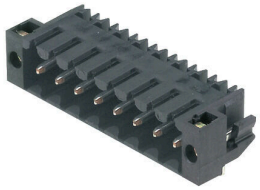


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all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

#### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/180LF 1.... | Version |
| Order No. | 1804740000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248268825 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 66 ST | 1.5 mm, tinned, black, Box |
| Type | SL-SMT 3.50/06/180LF 3.... | Version |
| Order No. | 1842580000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248353941 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 66 ST | 3.2 mm, tinned, black, Box |

### SL-SMT 3.5/90LF Tape



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90LF 1.5... | Version |
| Order No. | 1805350000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248269600 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 385 ST | 1.5 mm, tinned, black, Tape |

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## Counterpart

### 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 3.50/06/180LF 1.... | Version |
| Order No. | 1805270000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248269532 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 265 ST | 1.5 mm, tinned, black, Tape |

### SL-SMT 3.5/180G Box

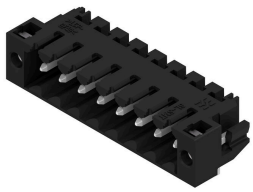


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all 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 3.50/06/180G 3.2... | Version |
| Order No. | 1842360000 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248353712 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, black, Box |

### SL-SMT 3.5/90LF Box



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

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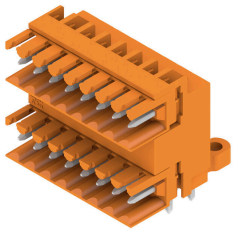
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## Counterpart

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90LF 1.5... | Version |
| Order No. | 1804980000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248268887 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 66 ST | 1.5 mm, tinned, black, Box |

### SLD 3.50/90

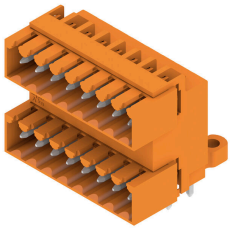


Two-tier pin header for wave soldering in 3.50 mm pitch. The connector is available in open, closed and flange versions. The male connectors provide space for labelling and can be coded. Packed in a cardboard box.

### General ordering data

| | | |
|---|---|---|
| Type | SLD 3.50/12/90 3.2SN OR... | Version |
| Order No. | 1633390000 | PCB plug-in connector, male header, open side, THT solder |
| GTIN (EAN) | 4008190257842 | connection, 3.50 mm, Number of poles: 12, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |

### SLD 3.50/90G



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

### General ordering data

| | | |
|---|---|---|
| Type | SLD 3.50/12/90G 3.2SN O... | Version |
| Order No. | 1633620000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190258078 | connection, 3.50 mm, Number of poles: 12, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |
| Type | SLD 3.50/12/90G 4.5SN B... | Version |
| Order No. | 1634310000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190258764 | connection, 3.50 mm, Number of poles: 12, 90°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, black, Box |

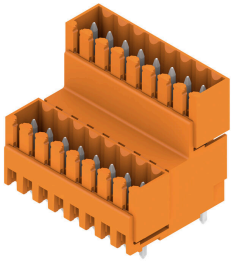
# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SLD 3.50V/180G

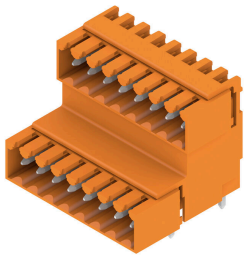


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

#### General ordering data

| | | |
|---|---|---|
| Type | SLD 3.50V/12/180G 3.2SN... | Version |
| Order No. | 1641130000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190279530 | connection, 3.50 mm, Number of poles: 12, 180°, Solder pin length |
| Qty. | 50 ST | (l): 3.2 mm, tinned, orange, Box |

### SLD 3.50V/90G

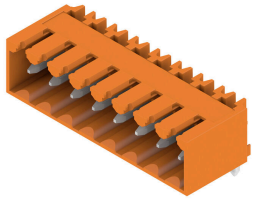


Double-level, staggered pin header for wave soldering at 3.50 mm pitch. They are available in closed and flanged versions. The male connectors provide space for labelling and can be coded.

#### General ordering data

| | | |
|---|---|---|
| Type | SLD 3.50V/12/90G 3.2SN ... | Version |
| Order No. | 1642260000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190280789 | connection, 3.50 mm, Number of poles: 12, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |

### SL 3.50/90G



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90G 3.2SN BK... | Version |
| Order No. | 1732030000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190390624 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, black, Box |

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## Counterpart

### 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 3.50/06/180G 1.5... | Version |
| Order No. | 1753023001 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248132751 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 66 ST | 1.5 mm, tinned, black, Tray |

### 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 3.50/06/180G 1.5... | Version |
| Order No. | 1753024001 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248135622 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 265 ST | 1.5 mm, tinned, black, Tape |

### SL-SMT 3.5/90G Box



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

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## Counterpart

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90G 1.5S... | Version |
| Order No. | 1761582001 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248132072 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 1.5 mm, tinned, black, Box |

### SL-SMT 3.5/90G Tape

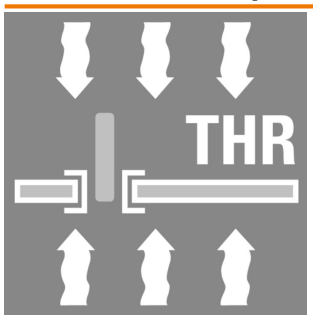


High-temperature-resistant male header, 3.50 mm pitch.
- Plugging direction parallel (90°), straight 180° or angled (135°) to PCB
- Housing variants: closed side (G), screw flange (F), solder flange (LF) or snap-on solder flange (RF)
- Optimised for the SMT process
- Pin length 3.2 mm universal for all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

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90G 1.5S... | Version |
| Order No. | 1761584001 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248136025 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 385 ST | 1.5 mm, tinned, black, Tape |

### SL-SMT 3.50/90 Tape




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

### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90 1.5SN... | Version |
| Order No. | 1761814001 | PCB plug-in connector, male header, open side, THT/THR solder |
| GTIN (EAN) | 4032248136124 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 385 ST | 1.5 mm, tinned, black, Tape |

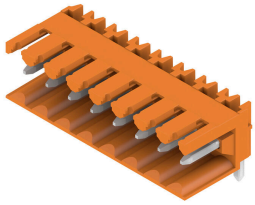
# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SL 3.50/90

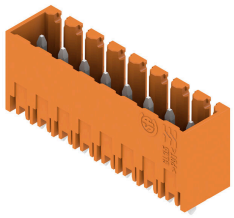


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90 3.2SN OR ... | Version |
| Order No. | 1597250000 | PCB plug-in connector, male header, open side, THT solder |
| GTIN (EAN) | 4008190163624 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |

### SL 3.50/180G

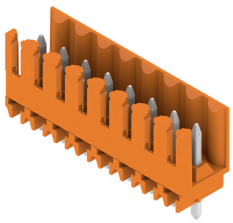


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/180G 3.2SN O... | Version |
| Order No. | 1604510000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190159559 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |
| Type | SL 3.50/06/180G 4.5SN O... | Version |
| Order No. | 1604660000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190026950 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, orange, Box |

### SL 3.50/180



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

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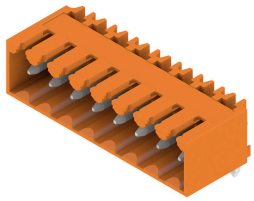
www.weidmueller.com

## Counterpart

### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/180 3.2SN OR... | Version |
| Order No. | 1604810000 | PCB plug-in connector, male header, open side, THT solder |
| GTIN (EAN) | 4008190145460 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |
| Type | SL 3.50/06/180 4.5 SN O... | Version |
| Order No. | 1604960000 | PCB plug-in connector, male header, open side, THT solder |
| GTIN (EAN) | 4008190030995 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, orange, Box |

### SL 3.50/90G

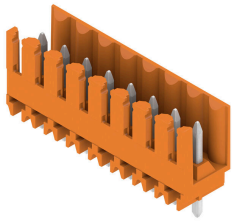


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90G 3.2SN OR... | Version |
| Order No. | 1605110000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190059552 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, orange, Box |

### SL 3.50/180



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

### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/180 4.5SN BK... | Version |
| Order No. | 1610150000 | PCB plug-in connector, male header, open side, THT solder |
| GTIN (EAN) | 4008190139476 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, black, Box |

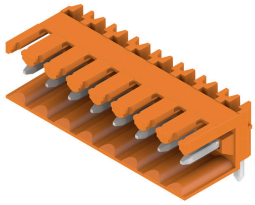
# BLIDCB 3.50/06/- SN OR BX

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

www.weidmueller.com

## Counterpart

### SL 3.50/90

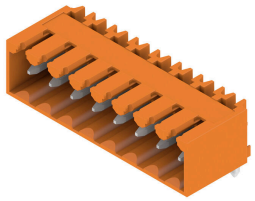


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90 4.5SN BK ... | Version |
| Order No. | 1615330000 | PCB plug-in connector, male header, open side, THT solder |
| GTIN (EAN) | 4008190052911 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, black, Box |

### SL 3.50/90G

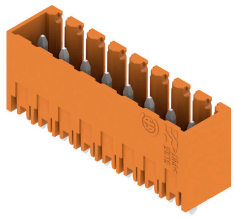


Pin headers for wave soldering in 3.50 mm pitch
- Plugging direction is parallel (90°), straight 180° or angled (135°) to the PCB
- Housing variant: screw flange (F)
- Packed in a cardboard box (BX)
- Pin header can be coded

#### General ordering data

| | | |
|---|---|---|
| Type | SL 3.50/06/90G 4.5SN BK... | Version |
| Order No. | 1615440000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190054670 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, black, Box |

### SL 3.50/180G



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 3.50/06/180G 4.5SN B... | Version |
| Order No. | 1616050000 | PCB plug-in connector, male header, closed side, THT solder |
| GTIN (EAN) | 4008190065836 | connection, 3.50 mm, Number of poles: 6, 180°, Solder pin length (l): |
| Qty. | 50 ST | 4.5 mm, tinned, black, Box |

# BLIDCB 3.50/06/- SN OR BX

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## Counterpart

### SL-SMT 3.5/90G Box



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/90G 3.2S... | Version |
| Order No. | 1841670000 | PCB plug-in connector, male header, closed side, THT/THR solder |
| GTIN (EAN) | 4032248353026 | connection, 3.50 mm, Number of poles: 6, 90°, Solder pin length (l): |
| Qty. | 50 ST | 3.2 mm, tinned, black, Box |

### SL-THR 3.5/135F



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

#### General ordering data

| | | |
|---|---|---|
| Type | SL-SMT 3.50/06/135F 3.2... | Version |
| Order No. | 1003550000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248726721 | connection, 3.50 mm, Number of poles: 6, 135°, Solder pin length (l): |
| Qty. | 66 ST | 3.2 mm, tinned, black, Box |