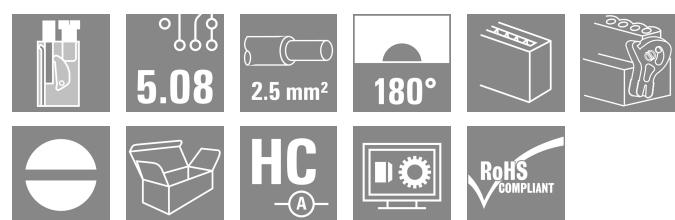


BLT 5.08HC/02/180LR SN OR BX

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

www.weidmueller.com

Product image



Female plugs with TOP screw connection system for connecting wires with straight wire outlet and release latch mechanism. The female connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

| | |
|--------------|---|
| Version | PCB plug-in connector, female plug, 5.08 mm, Number of poles: 2, 180°, TOP connection, Clamping range, max. : 2.5 mm ² , Box |
| Order No. | 1890220000 |
| Type | BLT 5.08HC/02/180LR SN OR BX |
| GTIN (EAN) | 4032248498406 |
| Qty. | 90 items |
| Product data | IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14 |
| Packaging | Box |

BLT 5.08HC/02/180LR SN OR BX

Weidmüller Interface GmbH & Co. KG
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Germany

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Technical data

Approvals

Approvals



ROHS Conform
UL File Number Search [UL Website](#)
Certificate No. (cURus) E60693

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 31.8 mm | Depth (inches) | 1.252 inch |
| Height | 15.1 mm | Height (inches) | 0.5945 inch |
| Width | 19.98 mm | Width (inches) | 0.7866 inch |
| Net weight | 7.22 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 5.08 | | |
| Type of connection | Field connection | | |
| Wire connection method | TOP connection | | |
| Pitch in mm (P) | 5.08 mm | | |
| Pitch in inches (P) | 0.200 " | | |
| Conductor outlet direction | 180° | | |
| Number of poles | 2 | | |
| L1 in mm | 5.08 mm | | |
| L1 in inches | 0.200 " | | |
| Number of rows | 1 | | |
| Pin series quantity | 1 | | |
| Rated cross-section | 2.5 mm ² | | |
| Touch-safe protection acc. to DIN VDE 57 106 | Safe from finger touch | | |
| Touch-safe protection acc. to DIN VDE 0470 | IP20 plugged/ IP10 unplugged | | |
| Protection degree | IP20 | | |
| Volume resistance | ≤5 mΩ | | |
| Can be coded | Yes | | |
| Stripping length | 13 mm | | |
| Clamping screw | M 2.5 | | |
| Screwdriver blade | 0.6 x 3.5 | | |
| Screwdriver blade standard | DIN 5264 | | |
| Plugging cycles | 25 | | |
| Plugging force/pole, max. | 8 N | | |
| Pulling force/pole, max. | 7 N | | |
| Tightening torque | Torque type | Wire connection | |
| | Usage information | Tightening torque | min. 0.4 Nm |
| | | | max. 0.5 Nm |

Material data

| | | | |
|------------------------|----------|---------------------------|--------|
| Insulating material | PBT | Colour | orange |
| Colour chart (similar) | RAL 2000 | Insulating material group | IIIa |

BLT 5.08HC/02/180LR SN OR BX

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Technical data

| | |
|---------------------------------------|------------|
| Comparative Tracking Index (CTI) | ≥ 200 |
| UL 94 flammability rating | V-0 |
| Contact surface | tinned |
| Storage temperature, min. | -40 °C |
| Operating temperature, min. | -50 °C |
| Temperature range, installation, min. | -25 °C |

| | |
|---------------------------------------|---------------------------------------|
| Moisture Level (MSL) | |
| Contact material | Cu-alloy |
| Layer structure of plug contact | 4...8 μm Sn hot-dip tinned |
| Storage temperature, max. | 70 °C |
| Operating temperature, max. | 100 °C |
| Temperature range, installation, max. | 100 °C |

Conductors suitable for connection

| | |
|---|--------------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 2.5 mm ² |
| Wire connection cross section AWG, min. | AWG 28 |
| Wire connection cross section AWG, max. | AWG 14 |
| Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 2.5 mm ² |
| Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 2.5 mm ² |
| w. plastic collar ferrule, DIN 46228 pt 4, 0.2 mm ² min. | |
| w. plastic collar ferrule, DIN 46228 pt 4, 1.5 mm ² max. | |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.2 mm ² |
| w. wire end ferrule, DIN 46228 pt 1, max. | 1.5 mm ² |
| Plug gauge in accordance with EN 60999 a x b; \varnothing | 2.4 mm x 1.5 mm ; 2.4 mm |

| | | | |
|---------------------|--|------------------------------|-----------------------------|
| Clampable conductor | Cross-section for conductor connection | Type | fine-wired |
| | nominal | 0.5 mm ² | |
| | wire end ferrule | Stripping length | nominal 14 mm |
| | | Recommended wire-end ferrule | H0.5/18 OR |
| | Cross-section for conductor connection | Type | fine-wired |
| | nominal | 1 mm ² | |
| | wire end ferrule | Stripping length | nominal 15 mm |
| | | Recommended wire-end ferrule | H1.0/18 GE |
| | Cross-section for conductor connection | Type | fine-wired |
| | nominal | 1.5 mm ² | |
| | wire end ferrule | Stripping length | nominal 15 mm |
| | | Recommended wire-end ferrule | H1.5/18D SW |
| Reference text | | Stripping length | nominal 12 mm |
| | | Recommended wire-end ferrule | H1.5/12 |

| | |
|----------------|--|
| 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) | 27 A |
| Rated current, max. number of poles (Tu=20°C) | 19 A | Rated current, min. number of poles (Tu=40°C) | 24 A |
| Rated current, max. number of poles (Tu=40°C) | 16 A | Rated voltage for surge voltage class / pollution degree II/2 | 400 V |
| Rated voltage for surge voltage class / pollution degree III/2 | 320 V | Rated voltage for surge voltage class / pollution degree III/3 | 250 V |

BLT 5.08HC/02/180LR SN OR BX

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Technical data

Rated impulse voltage for surge voltage 4 kV
class/ pollution degree II/2

Rated impulse voltage for surge voltage 4 kV
class/ contamination degree III/3

Rated impulse voltage for surge voltage 4 kV
class/ pollution degree III/2

Short-time withstand current resistance 3 x 1s with 100 A

Rated data acc. to CSA

Rated voltage (Use group B / CSA) 300 V

Rated current (Use group B / CSA) 15 A

Wire cross-section, AWG, min. AWG 26

Rated voltage (Use group D / CSA) 300 V

Rated current (Use group D / CSA) 15 A

Wire cross-section, AWG, max. AWG 14

Rated data acc. to UL 1059

Institute (cURus) CURUS

Rated voltage (Use group B / UL 1059) 300 V

Rated current (Use group B / UL 1059) 17 A

Wire cross-section, AWG, min. AWG 26

Reference to approval values Specifications are maximum values, details - see approval certificate.

Certificate No. (cURus) E60693

Rated voltage (Use group D / UL 1059) 300 V

Rated current (Use group D / UL 1059) 10 A

Wire cross-section, AWG, max. AWG 14

Packing

Packaging Box

VPE width 136.00 mm

VPE length 351.00 mm

VPE height 38.00 mm

Type tests

| | | |
|--|----------------|--|
| Test: Durability of markings | Standard | DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96 |
| | Test | mark of origin, type of material, date clock |
| | Evaluation | available |
| | Test | durability |
| | Evaluation | passed |
| Test: Misengagement (Non-interchangeability) | Standard | DIN EN 61984 section 6.3 and 6.9.1 / 09.02, DIN EN 60512-13-5 / 11.06 |
| | Test | 180° turned with coding elements |
| | Evaluation | passed |
| | Test | visual examination |
| | Evaluation | passed |
| Test: Clampable cross section | Standard | DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 12.02 |
| | Conductor type | Type of conductor solid 0.08 mm ² and conductor cross-section |
| | | Type of conductor stranded 0.08 mm ² and conductor cross-section |
| | | Type of conductor solid 2.5 mm ² and conductor cross-section |
| | | Type of conductor stranded 2.5 mm ² and conductor cross-section |
| | | Type of conductor AWG 26/1 and conductor cross-section |
| | | Type of conductor AWG 26/19 and conductor cross-section |
| | | |
| | | |
| | | |

BLT 5.08HC/02/180LR SN OR BX

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Technical data

| | | | |
|---|----------------|---|------------------------------|
| Test for damage to and accidental loosening of conductors | Evaluation | Type of conductor and conductor cross-section | AWG 14/1 |
| | | Type of conductor and conductor cross-section | AWG 14/19 |
| | Evaluation | passed | |
| | Standard | DIN EN 60999-1 section 9.4 / 12.00 | |
| | Requirement | 0.2 kg | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 28/1 |
| | | Type of conductor and conductor cross-section | AWG 26/19 |
| | Evaluation | passed | |
| | Requirement | 0.3 kg | |
| | Conductor type | Type of conductor and conductor cross-section | solid 0.5 mm ² |
| | | Type of conductor and conductor cross-section | stranded 0.5 mm ² |
| Pull-out test | Evaluation | passed | |
| | Requirement | 0.7 kg | |
| | Conductor type | Type of conductor and conductor cross-section | solid 2.5 mm ² |
| | | Type of conductor and conductor cross-section | stranded 2.5 mm ² |
| | Evaluation | Type of conductor and conductor cross-section | AWG 14/1 |
| | | Type of conductor and conductor cross-section | AWG 14/19 |
| | Evaluation | passed | |
| | Standard | DIN EN 60999-1 section 9.5 / 12.00 | |
| | Requirement | ≥5 N | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 28/1 |
| | | Type of conductor and conductor cross-section | AWG 26/19 |
| | Evaluation | passed | |
| | Requirement | ≥10 N | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 26/19 |
| | | Type of conductor and conductor cross-section | solid 0.5 mm ² |
| | Evaluation | passed | |
| | Requirement | ≥20 N | |
| | Conductor type | Type of conductor and conductor cross-section | stranded 0.5 mm ² |
| | | Type of conductor and conductor cross-section | AWG 14/1 |
| | Evaluation | passed | |
| | Requirement | ≥40 N | |
| | Conductor type | Type of conductor and conductor cross-section | AWG 14/1 |

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Technical data

| | | |
|----------------|---|------------------------------|
| | Type of conductor and conductor cross-section | AWG 14/19 |
| Evaluation | passed | |
| Requirement | ≥50 N | |
| Conductor type | Type of conductor and conductor cross-section | solid 2.5 mm ² |
| | Type of conductor and conductor cross-section | stranded 2.5 mm ² |
| Evaluation | passed | |

Important note

| | |
|----------------|--|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes | <ul style="list-style-type: none"> Additional variants on request Gold-plated contact surfaces on request Rated current related to rated cross-section & min. No. of poles. Wire end ferrule without plastic collar to DIN 46228/1 Wire end ferrule with plastic collar to DIN 46228/4 Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes. P on drawing = pitch Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards. In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

Classifications

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

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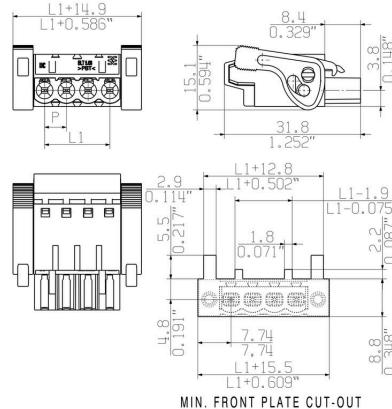
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Drawings

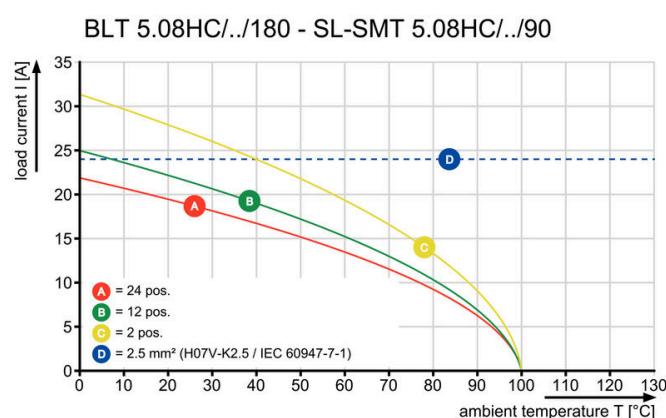
Product image



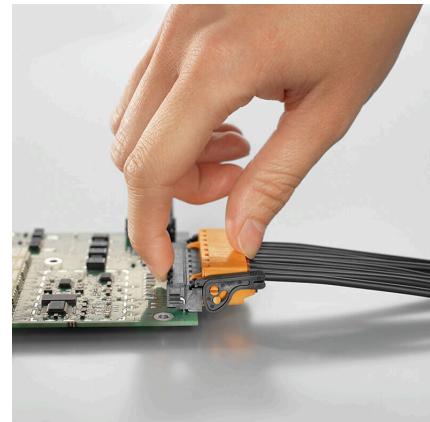
Dimensional drawing



Graph

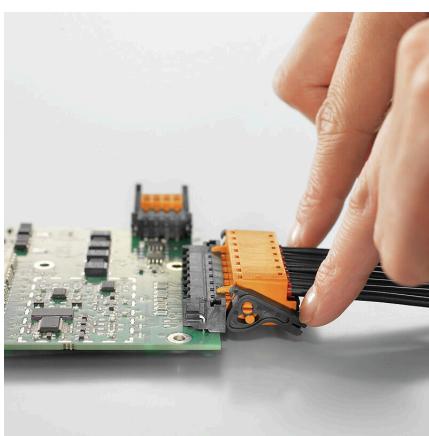


Product benefits



Self-locking Immediately on plugging in

Product benefits



Gentle unlocking Low mechanical stress

BLT 5.08HC/02/180LR 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 | BLZ/SL KO BK BX | Version |
| Order No. | 1545710000 | PCB plug-in connector, Accessories, Coding element, black, Number |
| GTIN (EAN) | 4008190087142 | of poles: 1 |
| Qty. | 50 ST | |
| Type | BLZ/SL KO OR BX | Version |
| Order No. | 1573010000 | PCB plug-in connector, Accessories, Coding element, orange, Number |
| GTIN (EAN) | 4008190048396 | of poles: 1 |
| Qty. | 100 ST | |

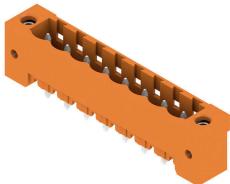
BLT 5.08HC/02/180LR SN OR BX

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Counterpart

SL 5.08HC/180F

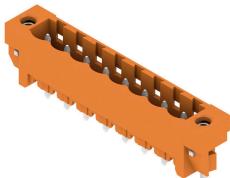


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL 5.08HC/02/180F 3.2SN... | Version |
| Order No. | 1148490000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248931507 | 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, black, Box |
| Qty. | 90 ST | |
| Type | SL 5.08HC/02/180F 3.2SN... | Version |
| Order No. | 1147130000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248931040 | 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box |
| Qty. | 90 ST | |

SL 5.08HC/180LF



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL 5.08HC/02/180LF 3.2S... | Version |
| Order No. | 1149220000 | PCB plug-in connector, male header, Solder flange, THT solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, black, Box |
| GTIN (EAN) | 4032248932603 | |
| Qty. | 90 ST | |
| Type | SL 5.08HC/02/180LF 3.2S... | Version |
| Order No. | 1147890000 | PCB plug-in connector, male header, Solder flange, THT solder connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box |
| GTIN (EAN) | 4032248931804 | |
| Qty. | 90 ST | |

BLT 5.08HC/02/180LR SN OR BX

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Counterpart

SL 5.08HC/90F



Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SL 5.08HC/02/90F 3.2SN ... | Version |
| Order No. | 1150090000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248936960 | 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, black, Box |
| Qty. | 90 ST | |
| Type | SL 5.08HC/02/90F 3.2SN ... | Version |
| Order No. | 1148610000 | PCB plug-in connector, male header, Flange, THT solder connection, |
| GTIN (EAN) | 4032248935680 | 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, orange, Box |
| Qty. | 90 ST | |

SL 5.08HC/90LF



Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SL 5.08HC/02/90LF 3.2SN... | Version |
| Order No. | 1150340000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4032248936304 | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): |
| Qty. | 90 ST | 3.2 mm, tinned, black, Box |
| Type | SL 5.08HC/02/90LF 3.2SN... | Version |
| Order No. | 1149380000 | PCB plug-in connector, male header, Solder flange, THT solder |
| GTIN (EAN) | 4032248935864 | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): |
| Qty. | 90 ST | 3.2 mm, tinned, orange, Box |

BLT 5.08HC/02/180LR SN OR BX

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Counterpart

SL-SMT 5.08/180F Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/180F 1... | Version |
| Order No. | 1837320000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248345915 | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): |
| Qty. | 90 ST | 1.5 mm, tinned, black, Box |
| Type | SL-SMT 5.08HC/02/180F 3... | Version |
| Order No. | 1837860000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248347674 | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): |
| Qty. | 90 ST | 3.2 mm, tinned, black, Box |

SL-SMT 5.08/180LF Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/180LF ... | Version |
| Order No. | 1776362001 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248159147 | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): |
| Qty. | 90 ST | 1.5 mm, tinned, black, Box |
| Type | SL-SMT 5.08HC/02/180LF ... | Version |
| Order No. | 1838440000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248348503 | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): |
| Qty. | 90 ST | 3.2 mm, tinned, black, Box |

BLT 5.08HC/02/180LR SN OR BX

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Counterpart

SL-SMT 5.08/180LF Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/180LF ... | Version |
| Order No. | 1776364001 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248163472 | connection, 5.08 mm, Number of poles: 2, 180°, Solder pin length (l): |
| Qty. | 250 ST | 1.5 mm, tinned, black, Tape |

SL-SMT 5.08/270FH Box



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/270FH ... | Version |
| Order No. | 1877190000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248467754 | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): |
| Qty. | 100 ST | 3.2 mm, tinned, black, Box |

SL-SMT 5.08/270FH Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/270FH ... | Version |
| Order No. | 1876920000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248467501 | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): |
| Qty. | 335 ST | 1.5 mm, tinned, black, Tape |

BLT 5.08HC/02/180LR SN OR BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08/270FL Box

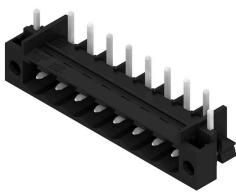


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/270FL ... | Version |
| Order No. | 1876850000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248467679 | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): |
| Qty. | 100 ST | 3.2 mm, tinned, black, Box |

SL-SMT 5.08/270FL Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SL-SMT 5.08HC/02/270FL ... | Version |
| Order No. | 1876990000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248467648 | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): |
| Qty. | 350 ST | 1.5 mm, tinned, black, Tape |
| Type | SL-SMT 5.08HC/02/270FL ... | Version |
| Order No. | 1876730000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248467242 | connection, 5.08 mm, Number of poles: 2, 270°, Solder pin length (l): |
| Qty. | 350 ST | 3.2 mm, tinned, black, Tape |

SL-SMT 5.08HC/90F Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

BLT 5.08HC/02/180LR SN OR BX

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

www.weidmueller.com

Counterpart

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SL-SMT 5.08HC/02/90F 3... | Version |
| Order No. | 1837630000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248347445 | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): |
| Qty. | 90 ST | 3.2 mm, tinned, black, Box |

SL-SMT 5.08HC/90LF Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SL-SMT 5.08HC/02/90LF 1... | Version |
| Order No. | 1775232001 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248157211 | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): |
| Qty. | 90 ST | 1.5 mm, tinned, black, Box |
| Type | SL-SMT 5.08HC/02/90LF 3... | Version |
| Order No. | 1780410000 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248165735 | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): |
| Qty. | 90 ST | 3.2 mm, tinned, black, Box |

SL-SMT 5.08HC/90LF Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SL-SMT 5.08HC/02/90LF 1... | Version |
| Order No. | 1775234001 | PCB plug-in connector, male header, Solder flange, THT/THR solder |
| GTIN (EAN) | 4032248167784 | connection, 5.08 mm, Number of poles: 2, 90°, Solder pin length (l): |
| Qty. | 350 ST | 1.5 mm, tinned, black, Tape |

BLT 5.08HC/02/180LR SN OR BX

Weidmüller Interface GmbH & Co. KG
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Germany

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Counterpart

SLDV-THR 5.08/180F



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SLDV-THR 5.08/04/180F 1... | Version |
| Order No. | 1828890000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248335589 | connection, 5.08 mm, Number of poles: 4, 180°, Solder pin length (l): |
| Qty. | 52 ST | 1.5 mm, tinned, black, Box |
| Type | SLDV-THR 5.08/04/180F 3... | Version |
| Order No. | 1828770000 | PCB plug-in connector, male header, Flange, THT/THR solder |
| GTIN (EAN) | 4032248335442 | connection, 5.08 mm, Number of poles: 4, 180°, Solder pin length (l): |
| Qty. | 52 ST | 3.2 mm, tinned, black, Box |

SLDV-THR 5.08/180FLF



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SLDV-THR 5.08/04/180FLF... | Version |
| Order No. | 1829010000 | PCB plug-in connector, male header, Flange / Solder flange, THT/THR |
| GTIN (EAN) | 4032248335701 | solder connection, 5.08 mm, Number of poles: 4, 180°, Solder pin |
| Qty. | 52 ST | length (l): 3.2 mm, tinned, black, Box |