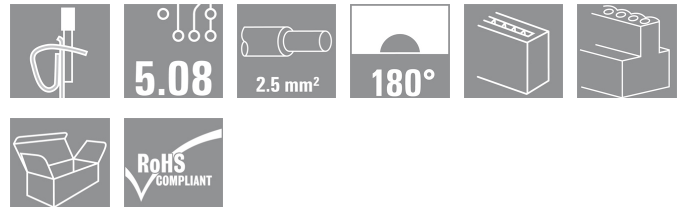


BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX

Weidmüller Interface GmbH & Co. KG
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Do not use product for new
 developments



Female plugs with tension-clamp wire connection system, straight 180° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| | |
|--------------|--|
| Order No. | 1707460000 |
| Type | BLZF 5.08/02/180 SN OR BX |
| Version | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box |
| GTIN (EAN) | 4008190389628 |
| Qty. | 180 pc(s). |
| Product data | IEC: 400 V / 17 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 |
| Packaging | Box |

Creation date March 20, 2013 8:47:38 PM CET

BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX

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Technical data**Dimensions and weights**

| | |
|------------|--------|
| Net weight | 3.46 g |
|------------|--------|

System parameters

| | | | |
|--|------------------------|-----------------------------|--------------------------|
| Product family | BL/SL 5.08 series | Conductor connection system | Tension clamp connection |
| Outgoing direction of conductor | 180° | Pitch in mm (P) | 5.08 mm |
| Pitch in inches (P) | 0.2 inch | No. of poles | 2 |
| Number of rows | 1 | Screwdriver blade | 0.6 x 3.5 |
| Screwdriver blade standard | DIN 5264-A | Stripping length | 10 mm |
| L1 in mm | 5.08 mm | L1 in inches | 0.2 inch |
| Touch-safe protection acc. to DIN VDE 57 106 | Safe from finger touch | | |

Material data

| | | | |
|----------------------------------|----------|----------------------------------|--------------|
| Insulating material | PBT | Colour | Orange |
| Colour chart (similar) | RAL 2000 | UL 94 flammability rating | V-0 |
| CTI | ≥ 200 | Contact material | Copper alloy |
| Contact surface | tinned | Continuous operating temp., min. | -25 °C |
| Continuous operating temp., max. | 100 °C | | |

Connectable conductors

| | | | |
|---|----------------------|---|----------------------|
| Clamping range, rated connection, min. | 0.13 mm ² | Clamping range, rated connection, max. | 3.31 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 12 |
| 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. 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 |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm ² | w. plastic collar ferrule, DIN 46228 pt 4, max. | 1.5 mm ² |
| Plug gauge acc. to EN 60999 a x b; Ø | 2.8 mm x 2.0 mm | | |

DIN IEC rating data

| | | | |
|---|-------------------|---|--------|
| Rated current, min. no. of poles (Tu=20°C) | 17 A | Rated current, max. no. of poles (Tu=20°C) | 12.5 A |
| Rated current, number of poles (Tu=40°C), min | 14.5 A | Rated current, number of poles (Tu=40°C), max. | 11 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 | Rated impulse voltage for surge voltage class/ pollution degree II/2 | 4 kV |
| Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV | Rated impulse voltage for surge voltage class/ contamination degree III/3 | 4 kV |
| Short-time withstand current resistance | 3 x 1s with 120 A | | |

Data sheet...

BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX

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Technical data

CSA rating data

Institute (CSA)



Rated voltage (Use group B)

300 V

| | |
|-------------------------------|--------|
| Rated current (use group B) | 15 A |
| Rated current (use group D) | 10 A |
| Wire cross-section, AWG, max. | AWG 12 |

| | |
|-------------------------------|--------|
| Rated voltage (use group D) | 300 V |
| Wire cross-section, AWG, min. | AWG 26 |

UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

| | |
|-------------------------------|--------|
| Rated current (use group B) | 15 A |
| Rated current (use group D) | 10 A |
| Wire cross-section, AWG, max. | AWG 12 |

| | |
|-------------------------------|--------|
| Rated voltage (use group D) | 300 V |
| Wire cross-section, AWG, min. | AWG 26 |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | UNSPSC | 30-21-18-10 |
| eClass 4.1 | 27-14-21-97 | eClass 5.1 | 27-26-07-04 |
| eClass 6.0 | 27-26-07-04 | eClass 7.0 | 27-44-04-02 |

Notes

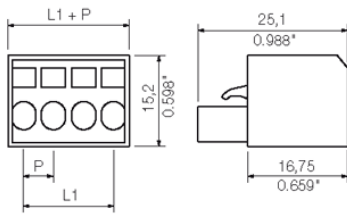
Notes

- Additional colours 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
- 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.

Approvals

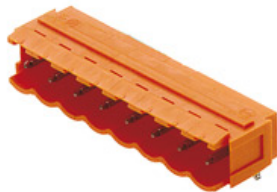
Approvals



Data sheet...**BL/SL 5.08 series**
BLZF 5.08/02/180 SN OR BX**Weidmüller Interface GmbH & Co. KG**
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**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL 5.00/90B


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1580860000 | SL 5.00/02/90B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190054489 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |

SL-SMT 5.08/180LF Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1776362001 | SL-SMT 5.08/02/180LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248159147 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1838440000 | SL-SMT 5.08/02/180LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248348503 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL-SMT 5.00/90LF Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1840350000 | SL-SMT 5.00/02/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248351091 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1797230000 | SL-SMT 5.00/02/90LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248238019 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

SLZF 5.08/180FI


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------|--|---------------|------------|---|-----------|
| 1846510000 | SLZF 5.08/02/180FI SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4032248362813 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

**BL/SL 5.08 series
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Mating connector (conditionally pluggable)
SL-SMT 5.08/90F Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1837630000 | SL-SMT 5.08/02/90F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248347445 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

SLS 5.08/180FI


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---|-----------|
| 1846210000 | SLS 5.08/02/180FI SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4032248362493 | 100 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SLZF 5.08/180B


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---|-----------|
| 1710210000 | SLZF 5.08/02/180B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4008190319526 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

SL-SMT 5.08/90LF Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1780410000 | SL-SMT 5.08/02/90LF 3.2SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248165735 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1775232001 | SL-SMT 5.08/02/90LF 1.5SN BK BX | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248157211 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-------------------------------------|---|---------------|-----------|---------------------------------------|-----------|
| 1829130000 | SLDV-THR 5.08/04/180FLF 1.5SN BK BX | PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248335824 | 50 pc(s). | IEC: 400 V / 15 A UL: 300 V / 10 A | Box |
| 1829010000 | SLDV-THR 5.08/04/180FLF 3.2SN BK BX | PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248335701 | 50 pc(s). | IEC: 400 V / 15 A UL: 300 V / 10 A | Box |

SLZF 5.08/180F


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

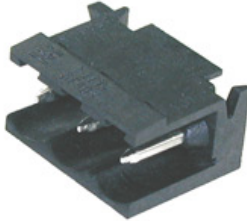
- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---|-----------|
| 1846930000 | SLZF 5.08/02/180F SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4032248363100 | 100 pc(s). | IEC: 400 V / 23 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

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BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL-SMaRT 5.0x/90 Tape


High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|---|-----------|
| 1812430000 | SL-SMART 5.0X/02/90 1.5SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248294015 | 350 pc(s). | IEC: 400 V / 16.5 A UL: 300 V / 15 A | Tape |

SLT 5.08B


Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------|---|---------------|------------|---|-----------|
| 1611710000 | SLT 5.08/02/180B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, TOP connection, Clamping range, rated connection, max.: 2.5 mm ² , Box | 4008190192594 | 100 pc(s). | IEC: 400 V / 16 A / 0.2 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14 | Box |

**BL/SL 5.08 series
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Mating connector (conditionally pluggable)
SL-SMT 5.00/90LF Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1797750000 | SL-SMT 5.00/02/90LF 1.5SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248239757 | 350 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

SL-SMT 5.08/90LF Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1775234001 | SL-SMT 5.08/02/90LF 1.5 SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248167784 | 350 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

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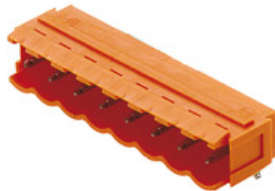
Mating connector (conditionally pluggable)
SLZF 5.08/270B


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---|-----------|
| 1706140000 | SLZF 5.08/02/270B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 270°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4032248113996 | 100 pc(s). | IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

SL 5.08/90B


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1510360000 | SL 5.08/02/90B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190180188 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------------|---|---------------|-----------|---------------------------------------|-----------|
| 1828890000 | SLDV-THR 5.08/04/180F 1.5SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248335589 | 50 pc(s). | IEC: 400 V / 15 A UL: 300 V / 10 A | Box |
| 1828770000 | SLDV-THR 5.08/04/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248335442 | 50 pc(s). | IEC: 400 V / 15 A UL: 300 V / 10 A | Box |

SLS 5.08/180F


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------|--|---------------|------------|---|-----------|
| 1846360000 | SLS 5.08/02/180F SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4032248362066 | 100 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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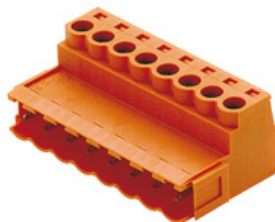
Mating connector (conditionally pluggable)
SL 5.08/180B


Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1519560000 | SL 5.08/02/180B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190083892 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |

SLS 5.08/180B


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------|--|---------------|------------|---|-----------|
| 1627240000 | SLS 5.08/02/180B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4008190199753 | 100 pc(s). | IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

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Mating connector (conditionally pluggable)
SL-SMT 5.08/180LF Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1776364001 | SL-SMT 5.08/02/180LF 1.5 SN BK RL | PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248163472 | 250 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

SL 5.08/135B


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

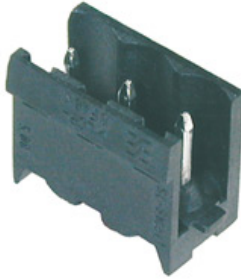
- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1605530000 | SL 5.08/02/135B 3.2SN OR BX | PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190104290 | 100 pc(s). | IEC: 400 V / 17 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)
SL-SMaRT 5.0x/180 Tape


High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------------|---|---------------|------------|---|-----------|
| 1812450000 | SL-SMART 5.0X/02/180 1.5SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248294039 | 270 pc(s). | IEC: 400 V / 16.5 A UL: 300 V / 15 A | Tape |

SL-SMT 5.08/180F Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1837320000 | SL-SMT 5.08/02/180F 1.5SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248345915 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1837860000 | SL-SMT 5.08/02/180F 3.2SN BK BX | PCB plug-in connector, male header, Flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248347674 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (conditionally pluggable)

SLZF 5.08/90B



Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

- 0.2 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------|---|---------------|------------|---|-----------|
| 1673550000 | SLZF 5.08/02/90B SN OR BX | PCB plug-in connector, male plug, 5.08 mm, No. of poles: 2, 90°, Tension clamp connection, Clamping range, rated connection, max.: 3.31 mm ² , Box | 4008190435264 | 100 pc(s). | IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12 | Box |

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Mating connector (fully pluggable)
SL 5.08/90


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1508060000 | SL 5.08/02/90 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190189006 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |

SL-SMT 5.08/90G Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1775002001 | SL-SMT 5.08/02/90G 1.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248156023 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1780180000 | SL-SMT 5.08/02/90G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248165506 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (fully pluggable)
SL-SMT 5.08/90G Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1821140000 | SL-SMT 5.08/02/90G 1.5 SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248319787 | 350 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

SL 5.08/135


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1603060000 | SL 5.08/02/135 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 2, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190095512 | 100 pc(s). | IEC: 400 V / 17 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (fully pluggable)
SLD 5.08/90G


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-----------------------------|---|---------------|-----------|---------------------------------------|-----------|
| 1601790000 | SLD 5.08/04/90G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190055752 | 50 pc(s). | IEC: 400 V / 11 A UL: 300 V / 10 A | Box |

SL-SMT 5.08/180 Box


High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1775522001 | SL-SMT 5.08/02/180 1.5SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248157549 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1837980000 | SL-SMT 5.08/02/180 3.2SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248348046 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (fully pluggable)
SL-SMT 5.08/90 Box


High-temperature-resistant, 90° angled, open male header
Packed in box or tape. In tape with 1.5 mm solder pin
optimised for automatic assembly. 3.2 mm solder pin
suitable for reflow and wave soldering. These male
connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|-------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1774762001 | SL-SMT 5.08/02/90 1.5SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248155699 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1779950000 | SL-SMT 5.08/02/90 3.2SN BK BX | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248165278 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

SL 5.00/90


Male connectors with 90° outlet direction. The solder
pin length is optimised for wave flow soldering. The pin
headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

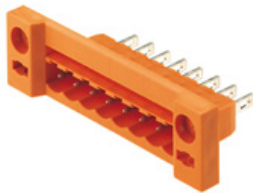
| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1571130000 | SL 5.00/02/90 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190156121 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |
| 1625990000 | SL 5.00/02/90 4.5SN BK BX | PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin | 4008190197292 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |

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Mating connector (fully pluggable)

length (l): 4.5 mm, tinned,
 Black, Box

SLDF 5.08


Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1599130000 | SLDF 5.08 L/F 2 SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Box | 4008190175931 | 100 pc(s). | IEC: 400 V / 15 A UL: 300 V / 10 A | Box |
| 1635740000 | SLDF 5.08 L/F 2 SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Box | 4008190264161 | 100 pc(s). | IEC: 400 V / 15 A UL: 300 V / 10 A | Box |

SL-SMT 5.08/180G Box


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1775922001 | SL-SMT 5.08/02/180G 1.5SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box | 4032248158911 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |
| 1838210000 | SL-SMT 5.08/02/180G 3.2SN BK BX | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box | 4032248348275 | 100 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Box |

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Mating connector (fully pluggable)
SLD 5.08/180G


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|------------------------------|--|---------------|-----------|---------------------------------------|-----------|
| 1602390000 | SLD 5.08/04/180G 3.2SN OR BX | PCB plug-in connector, male header, closed side, Solder connection, 5.08 mm, No. of poles: 4, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190180539 | 50 pc(s). | IEC: 400 V / 11 A UL: 300 V / 10 A | Box |

SL-SMT 5.08/180G Tape


High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1820170000 | SL-SMT 5.08/02/180G 1.5 SN BK RL | PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248315680 | 250 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

**BL/SL 5.08 series
BLZF 5.08/02/180 SN OR BX**

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Mating connector (fully pluggable)
SL-SMT 5.08/180 Tape


High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|---------------------------------------|-----------|
| 1821100000 | SL-SMT 5.08/02/180 1.5 SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248319749 | 250 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

SL-SMT 5.08/90 Tape


High-temperature-resistant, 90° angled, open male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

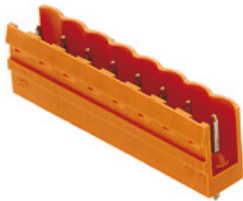
| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|--------------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1821160000 | SL-SMT 5.08/02/90 1.5 SN BK RL | PCB plug-in connector, male header, open side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape | 4032248319800 | 350 pc(s). | IEC: 400 V / 19 A UL: 300 V / 15 A | Tape |

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Mating connector (fully pluggable)

SL 5.08/180



Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

| Order No. | Type | Version | GTIN (EAN) | Qty. | Product data | Packaging |
|----------------------------|----------------------------|--|---------------|------------|---------------------------------------|-----------|
| 1517260000 | SL 5.08/02/180 3.2SN OR BX | PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box | 4008190034795 | 100 pc(s). | IEC: 400 V / 18 A UL: 300 V / 15 A | Box |

