

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/02/180 SN BK BX**

**Weidmüller Interface GmbH & Co. KG**  
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Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm<sup>2</sup> (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

### General ordering data

|                  |   |
|------------------|---|
| Order No.        | <a href="#">1943810000</a>  |
| Part designation | BLZP 5.08/02/180 SN BK BX   |
| Version          | PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Box |
| GTIN (EAN)       | 4032248617821   |
| Qty.             | 100 pc(s).  |
| Packaging        | Box   |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Technical data

### System parameters

|  |                          |                                 |          |
|--|--------------------------|---------------------------------|----------|
| Conductor connection system  | Clamping yoke connection | Outgoing direction of conductor | 180°     |
| Pitch in mm  | 5.08 mm                  | Pitch in inch                   | 0.2 inch |
| No. of poles   | 2                        | No. of rows                     | 1        |
| Screwdriver blade  | 0.6 x 3.5                | Screwdriver blade standard      | DIN 5264 |
| Tightening torque, min.  | 0.4 Nm                   | Tightening torque, max.         | 0.5 Nm   |
| Clamping screw   | M 2.5                    | Stripping length                | 7 mm     |
| L1 in mm   | 5.08 mm                  | L1 in inch                      | 0.2 inch |
| Electric shock protection to DIN VDE 57 106 Safe from finger touch |                          |                                 |          |

### Material data

|  |                     |  |              |
|--|---------------------|--|--------------|
| Insulating material                            | PBT                 | Colour   | black        |
| colour chart                                   | Similar to RAL 9011 | Flammability class UL 94                       | V-0          |
| CTI  | ≥ 200               | Contact material                               | Copper alloy |
| Contact surface                                | tinned              | Contact base material                          | Copper alloy |
| Highest continuous operating temperature, min. | -25 °C              | Highest continuous operating temperature, max. | 100 °C       |

### Connectable conductors

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Clamping range, min.                            | 0.13 mm <sup>2</sup> | Clamping range, max.                              | 4 mm <sup>2</sup>   |
| Conductor connection cross-section AWG, min.    | AWG 26               | Conductor connection cross-section AWG, max.      | AWG 12              |
| Solid, min. H05(07) V-U                         | 0.2 mm <sup>2</sup>  | Solid, max. H05(07) V-U                           | 4 mm <sup>2</sup>   |
| Flexible, min. H05(07) V-K                      | 0.2 mm <sup>2</sup>  | Flexible, max. H05(07) V-K                        | 4 mm <sup>2</sup>   |
| w. wire end ferrule, DIN 46228 pt 1, min.       | 0.2 mm <sup>2</sup>  | with wire end ferrule, DIN 46228 pt 1, max.       | 4 mm <sup>2</sup>   |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.2 mm <sup>2</sup>  | with plastic collar ferrule, DIN 46228 pt 4, max. | 2.5 mm <sup>2</sup> |
| Gauge to EN 60999 a x b; ø                      | 2.8 mm x 2.4 mm      |   |                     |

### DIN IEC rating data

|  |                   |  |        |
|--|-------------------|--|--------|
| Rated current, min. No. of poles (Tu=20°C)                                     | 19 A              | Rated current, max. No. of poles (Tu=20°C)                                     | 15.5 A |
| Rated current, no. of poles (Tu=40°C), min.                                    | 16 A              | Rated current, no. of poles (Tu=40°C), max.                                    | 13 A   |
| Rated voltage for overvoltage class/pollution severity II/2                    | 400 V             | Rated voltage for overvoltage class/pollution severity III/2                   | 320 V  |
| Rated voltage at overvoltage category/pollution degree III/3                   | 250 V             | Rated impulse withstand voltage for overvoltage class/pollution severity II/2  | 4 kV   |
| Rated impulse withstand voltage for overvoltage class/pollution severity III/2 | 4 kV              | Rated impulse withstand voltage for overvoltage class/pollution severity III/3 | 4 kV   |
| Short-time withstand current resistance  | 3 x 1s with 120 A |  |        |

### CSA rating data

|                               |        |                               |        |
|-------------------------------|--------|-------------------------------|--------|
| Rated voltage (Use group B)   | 300 V  | Rated current (use group B)   | 10 A   |
| Rated voltage (Use group C)   | 50 V   | Rated voltage (use group D)   | 300 V  |
| Rated current (use group D)   | 10 A   | Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 12 |                               |        |

### UL 1059 rating data

|                               |        |                               |        |
|-------------------------------|--------|-------------------------------|--------|
| Rated voltage (use group B)   | 300 V  | Rated current (use group B)   | 10 A   |
| Rated voltage (use group C)   | 50 V   | Rated voltage (use group D)   | 300 V  |
| Rated current (use group D)   | 10 A   | Wire cross-section, AWG, min. | AWG 26 |
| Wire cross-section, AWG, max. | AWG 12 |                               |        |

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**Datasheet****System pitch 5.08 mm (0.200 inch)  
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www.weidmueller.com**Technical data****Approvals**

|                      |       |
|----------------------|-------|
| Approvals institutes | CURUS |
|----------------------|-------|

**Classifications**

|            |             |
|------------|-------------|
| eClass 6.0 | 27-26-07-08 |
|------------|-------------|

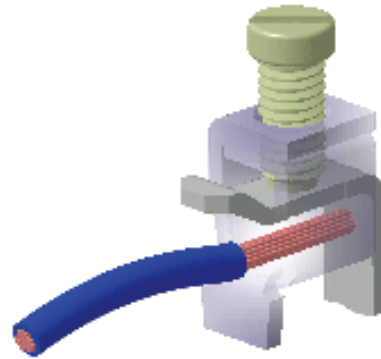
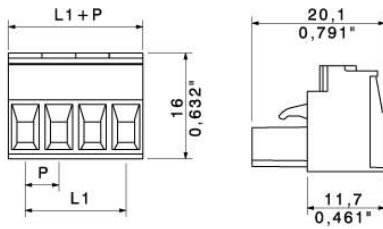
**Notes**

|       |  |
|-------|--|
| Notes | <ul style="list-style-type: none"><li>• Additional colours on request</li><li>• Rated current related to rated cross-section and min. No. of poles.</li><li>• Wire end ferrule without plastic collar to DIN 46228 pt 1</li><li>• Wire end ferrule with plastic collar to DIN 46228 pt 4</li><li>• P on drg. = pitch</li><li>• 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.</li></ul> |
|-------|--|

**Datasheet**

**System pitch 5.08 mm (0.200 inch)**  
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**Drawings**

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SLD 5.08/90G



2-tier male connector with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

| Order No.                  | Part designation            | Version  | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-----------------------------|--|---------------|-----------|-----------|
| <a href="#">1601790000</a> | SLD 5.08/04/90G 3.2SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 4, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190055752 | 50 pc(s). | Box       |

### SL-SMT 5.08/180G Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation                | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|-----------|
| <a href="#">1838210000</a> | SL-SMT 5.08/02/180G 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248348275 | 100 pc(s). | Box       |
| <a href="#">1775922001</a> | SL-SMT 5.08/02/180G 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248158911 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open ended male connector. 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation                | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|-----------|
| <a href="#">1821100000</a> | SL-SMT 5.08/02/180 1.5 SN BK RL | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248319749 | 250 pc(s). | Tape      |

### SL 5.08/135



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

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

### General ordering data

| Order No.                  | Part designation           | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| <a href="#">1603060000</a> | SL 5.08/02/135 3.2SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190095512 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL 5.08/180



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

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

### General ordering data

| Order No.                  | Part designation            | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| <a href="#">1517260000</a> | SL 5.08/02/180 3.2 SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190034795 | 100 pc(s). | Box       |

### SLD 5.08/180G



2-tier male connector with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

| Order No.                  | Part designation             | Version   | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|------------------------------|---|---------------|-----------|-----------|
| <a href="#">1602390000</a> | SLD 5.08/04/180G 3.2SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190180539 | 50 pc(s). | Box       |

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## Counterpart

### SL 5.00/90



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

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

### General ordering data

| Order No.                  | Part designation          | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| <a href="#">1625990000</a> | SL 5.00/02/90 4.5SN BK BX | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box  | 4008190197292 | 100 pc(s). | Box       |
| <a href="#">1571130000</a> | SL 5.00/02/90 3.2SN OR BX | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190156121 | 100 pc(s). | Box       |

### SL-SMT 5.08/180G Tape



High-temperature-resistant male connector, 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation                 | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------------|--|---------------|------------|-----------|
| <a href="#">1820170000</a> | SL-SMT 5.08/02/180G 1.5 SN BK RL | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248315680 | 250 pc(s). | Tape      |



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## Counterpart

### SL 5.08/90



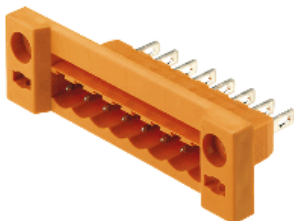
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

### General ordering data

| Order No.                  | Part designation          | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| <a href="#">1508060000</a> | SL 5.08/02/90 3.2SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190189006 | 100 pc(s). | 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. Packed in cardboard box.

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

### General ordering data

| Order No.                  | Part designation      | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-----------------------|---|---------------|------------|-----------|
| <a href="#">1599130000</a> | SLDF 5.08 L/F 2 SN OR | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Clamping range, max.: , Box | 4008190175931 | 100 pc(s). | Box       |

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## Counterpart

### SL-SMT 5.08/90 Tape



High-temperature-resistant, 90° angled, open male connector. 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation               | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|--------------------------------|---|---------------|------------|-----------|
| <a href="#">1821160000</a> | SL-SMT 5.08/02/90 1.5 SN BK RL | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248319800 | 350 pc(s). | Tape      |

### SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open ended male connector. 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation               | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|--------------------------------|---|---------------|------------|-----------|
| <a href="#">1837980000</a> | SL-SMT 5.08/02/180 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248348046 | 100 pc(s). | Box       |
| <a href="#">1775522001</a> | SL-SMT 5.08/02/180 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248157549 | 100 pc(s). | Box       |

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## Counterpart

### SL-SMT 5.08/90G Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation               | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|--------------------------------|--|---------------|------------|-----------|
| <a href="#">1780180000</a> | SL-SMT 5.08/02/90G 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248165506 | 100 pc(s). | Box       |
| <a href="#">1775002001</a> | SL-SMT 5.08/02/90G 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248156023 | 100 pc(s). | Box       |

### SL-SMT 5.08/90G Tape



High-temperature-resistant male connector, 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation                | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|-----------|
| <a href="#">1821140000</a> | SL-SMT 5.08/02/90G 1.5 SN BK RL | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248319787 | 350 pc(s). | Tape      |

## Datasheet

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## Counterpart

### SL-SMT 5.08/90 Box



High-temperature-resistant, 90° angled, open male connector. 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation              | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-------------------------------|--|---------------|------------|-----------|
| <a href="#">1779950000</a> | SL-SMT 5.08/02/90 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248165278 | 100 pc(s). | Box       |
| <a href="#">1774762001</a> | SL-SMT 5.08/02/90 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248155699 | 100 pc(s). | Box       |

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## Counterpart

### SLZF 5.08/180FI



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation            | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-----------------------------|--|---------------|------------|-----------|
| <a href="#">1846510000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4032248362813 | 100 pc(s). | Box       |

### SL-SMT 5.08/180LF Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation                 | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------------|---|---------------|------------|-----------|
| <a href="#">1838440000</a> | SL-SMT 5.08/02/180LF 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248348503 | 100 pc(s). | Box       |
| <a href="#">1776362001</a> | SL-SMT 5.08/02/180LF 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248159147 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZF 5.08/02/180 SN BK BX

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## Counterpart

### SLZF 5.08/270B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation           | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| <a href="#">1706140000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4032248113996 | 100 pc(s). | Box       |

### SLZF 5.08/180B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation           | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| <a href="#">1710210000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4008190319526 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL 5.08/180B



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

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

### General ordering data

| Order No.                  | Part designation             | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|------------------------------|---|---------------|------------|-----------|
| <a href="#">1519560000</a> | SL 5.08/02/180B 3.2 SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190083892 | 100 pc(s). | Box       |

### SLZF 5.08/180F



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation           | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| <a href="#">1846930000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4032248363100 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SLS 5.08/180B



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation          | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| <a href="#">1627240000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4008190199753 | 100 pc(s). | Box       |

### SLZF 5.08/90B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation          | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| <a href="#">1673550000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4008190435264 | 100 pc(s). | Box       |



## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL-SMT 5.08/90F Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

#### General ordering data

| Order No.                  | Part designation               | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|--------------------------------|--|---------------|------------|-----------|
| <a href="#">1837630000</a> | SL-SMT 5.08/02/90F 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248347445 | 100 pc(s). | Box       |

### SL-SMaRT 5.0x/90 Tape



High-temperature-resistant male connector for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. These male connectors can be labelled and coded.

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

#### General ordering data

| Order No.                  | Part designation                | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|-----------|
| <a href="#">1812430000</a> | SL-SMaRT 5.0X/02/90 1.5SN BK RL | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248294015 | 350 pc(s). | Tape      |

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/02/180 SN BK BX**

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**Counterpart**
**SL-SMaRT 5.0x/180 Tape**


High-temperature-resistant male connector for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. These male connectors can be labelled and coded.

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

**General ordering data**

| Order No.                  | Part designation                 | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------------|---|---------------|------------|-----------|
| <a href="#">1812450000</a> | SL-SMaRT 5.0X/02/180 1.5SN BK RL | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248294039 | 270 pc(s). | Tape      |

**SL-SMT 5.08/180LF Tape**


High-temperature-resistant male connector, 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 can be labelled and coded.

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

**General ordering data**

| Order No.                  | Part designation                  | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-----------------------------------|--|---------------|------------|-----------|
| <a href="#">1776364001</a> | SL-SMT 5.08/02/180LF 1.5 SN BK RL | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248163472 | 250 pc(s). | Tape      |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL 5.08/135B



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

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

#### General ordering data

| Order No.                  | Part designation            | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|-----------------------------|---|---------------|------------|-----------|
| <a href="#">1605530000</a> | SL 5.08/02/135B 3.2SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190104290 | 100 pc(s). | Box       |

### SL-SMT 5.08/180F Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

#### General ordering data

| Order No.                  | Part designation                | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|-----------|
| <a href="#">1837320000</a> | SL-SMT 5.08/02/180F 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248345915 | 100 pc(s). | Box       |
| <a href="#">1837860000</a> | SL-SMT 5.08/02/180F 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248347674 | 100 pc(s). | Box       |

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/02/180 SN BK BX**

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**Counterpart**
**SLT 5.08B**


Male connectors with screw TOP connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

**General ordering data**

| Order No.                  | Part designation          | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------|---|---------------|------------|-----------|
| <a href="#">1611710000</a> | 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, max.: 2.5 mm <sup>2</sup> , Box | 4008190192594 | 100 pc(s). | Box       |

**SL-SMT 5.08/90LF Tape**


High-temperature-resistant male connector, 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 can be labelled and coded.

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

**General ordering data**

| Order No.                  | Part designation                 | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------------|---|---------------|------------|-----------|
| <a href="#">1775234001</a> | SL-SMT 5.08/02/90LF 1.5 SN BK RL | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248167784 | 350 pc(s). | Tape      |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL-SMT 5.00/90LF Tape



High-temperature-resistant male connector, 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 can be labelled and coded.

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

### General ordering data

| Order No.                  | Part designation                | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|-----------|
| <a href="#">1797750000</a> | SL-SMT 5.00/02/90LF 1.5SN BK RL | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape | 4032248239757 | 350 pc(s). | Tape      |

### SL 5.08/90B



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

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

### General ordering data

| Order No.                  | Part designation           | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| <a href="#">1510360000</a> | SL 5.08/02/90B 3.2SN OR BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190180188 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL-SMT 5.00/90LF Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

#### General ordering data

| Order No.                  | Part designation                | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|---|---------------|------------|-----------|
| <a href="#">1797230000</a> | SL-SMT 5.00/02/90LF 1.5SN BK BX | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248238019 | 100 pc(s). | Box       |
| <a href="#">1840350000</a> | SL-SMT 5.00/02/90LF 3.2SN BK BX | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248351091 | 100 pc(s). | Box       |

### SLDV-THR 5.08/180F



High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

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

#### General ordering data

| Order No.                  | Part designation                  | Version   | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-----------------------------------|---|---------------|-----------|-----------|
| <a href="#">1828770000</a> | SLDV-THR 5.08/04/180F 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248335442 | 50 pc(s). | Box       |
| <a href="#">1828890000</a> | SLDV-THR 5.08/04/180F 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248335589 | 50 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SLDV-THR 5.08/180FLF



High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

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

#### General ordering data

| Order No.                  | Part designation                    | Version   | GTIN (EAN)    | Qty.      | Packaging |
|----------------------------|-------------------------------------|---|---------------|-----------|-----------|
| <a href="#">1829130000</a> | SLDV-THR 5.08/04/180FLF 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248335824 | 50 pc(s). | Box       |
| <a href="#">1829010000</a> | SLDV-THR 5.08/04/180FLF 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248335701 | 50 pc(s). | Box       |

### SL-SMT 5.08/90LF Box



High-temperature-resistant male connector, 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 can be labelled and coded.

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

#### General ordering data

| Order No.                  | Part designation                | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------------|--|---------------|------------|-----------|
| <a href="#">1775232001</a> | SL-SMT 5.08/02/90LF 1.5SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box | 4032248157211 | 100 pc(s). | Box       |
| <a href="#">1780410000</a> | SL-SMT 5.08/02/90LF 3.2SN BK BX | PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box | 4032248165735 | 100 pc(s). | Box       |

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN BK BX

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## Counterpart

### SL 5.00/90B



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

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

#### General ordering data

| Order No.                  | Part designation           | Version   | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|---|---------------|------------|-----------|
| <a href="#">1580860000</a> | SL 5.00/02/90B 3.2SN OR BX | PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box | 4008190054489 | 100 pc(s). | Box       |

### SLS 5.08/180F



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

#### General ordering data

| Order No.                  | Part designation          | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|---------------------------|--|---------------|------------|-----------|
| <a href="#">1846360000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4032248362066 | 100 pc(s). | Box       |



## Datasheet

**System pitch 5.08 mm (0.200 inch)**  
**BLZP 5.08/02/180 SN BK BX**

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## Counterpart

### SLS 5.08/180FI



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm<sup>2</sup> (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

### General ordering data

| Order No.                  | Part designation           | Version  | GTIN (EAN)    | Qty.       | Packaging |
|----------------------------|----------------------------|--|---------------|------------|-----------|
| <a href="#">1846210000</a> | 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, max.: 3.31 mm <sup>2</sup> , Box | 4032248362493 | 100 pc(s). | Box       |