

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/02/180 SN OR 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="#">1943580000</a>
Part designation	BLZP 5.08/02/180 SN OR 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)	4032248617562
Qty.	100 pc(s).
Packaging	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/02/180 SN OR 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	Orange
colour chart	Similar to RAL 2000	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		

Creation date July 20, 2010 9:02:53 PM CEST

**Datasheet****System pitch 5.08 mm (0.200 inch)  
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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals institutes	CURUS
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**Classifications**

eClass 6.0	27-26-07-08
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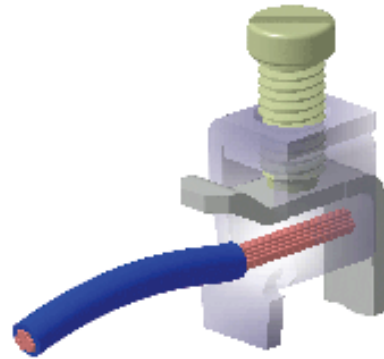
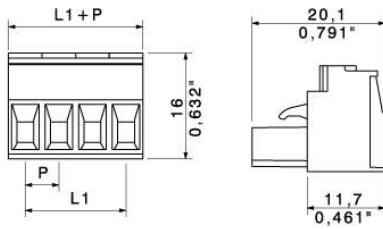
**Notes**

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>
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**Drawings**

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

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

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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



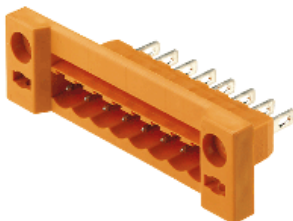
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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 OR 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