



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com



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="#">1943610000</a>
Part designation	BLZP 5.08/05/180 SN OR BX
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Box
GTIN (EAN)	4032248617609
Qty.	45 pc(s).
Packaging	Box

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/05/180 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

**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	5	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	20.32 mm	L1 in inch	0.8 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		

**Datasheet****System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/05/180 SN OR BX****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com**Technical data****Approvals**

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

**Classifications**

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

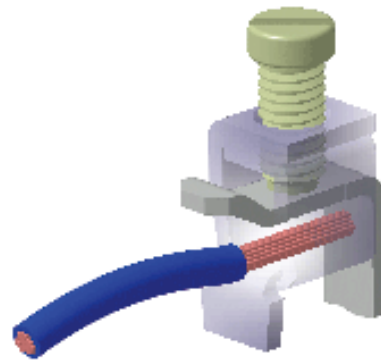
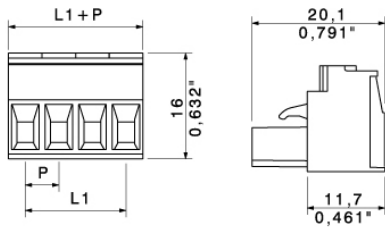
**Notes**

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)**  
**BLZP 5.08/05/180 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1601820000</a>	SLD 5.08/10/90G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190091026	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="#">1838240000</a>	SL-SMT 5.08/05/180G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348305	50 pc(s).	Box
<a href="#">1775952001</a>	SL-SMT 5.08/05/180G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248158942	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1775634001</a>	SL-SMT 5.08/05/180 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248159611	250 pc(s).	Tape

### 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="#">1517560000</a>	SL 5.08/05/180 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190145170	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Counterpart

### 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="#">1603090000</a>	SL 5.08/05/135 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190013912	50 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="#">1602420000</a>	SLD 5.08/10/180G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190077129	50 pc(s).	Box



## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1571160000</a>	SL 5.00/05/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190128463	50 pc(s).	Box
<a href="#">1626020000</a>	SL 5.00/05/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 5, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190197322	50 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="#">1775954001</a>	SL-SMT 5.08/05/180G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248160143	250 pc(s).	Tape

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Counterpart

### SL 5.08/90



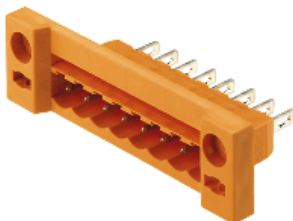
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 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="#">1508360000</a>	SL 5.08/05/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190131241	50 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="#">1599160000</a>	SLDF 5.08 L/F 5 SN OR	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Clamping range, max.: , Box	4008190079970	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1774794001</a>	SL-SMT 5.08/05/90 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167685	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="#">1775632001</a>	SL-SMT 5.08/05/180 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157570	50 pc(s).	Box
<a href="#">1838010000</a>	SL-SMT 5.08/05/180 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348077	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1780210000</a>	SL-SMT 5.08/05/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165537	50 pc(s).	Box
<a href="#">1775032001</a>	SL-SMT 5.08/05/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156092	50 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="#">1775034001</a>	SL-SMT 5.08/05/90G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167753	350 pc(s).	Tape

**System pitch 5.08 mm (0.200 inch)  
BLZP 5.08/05/180 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

## 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="#">1774792001</a>	SL-SMT 5.08/05/90 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248155828	50 pc(s).	Box
<a href="#">1779980000</a>	SL-SMT 5.08/05/90 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165308	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Counterpart

### SL-SMT 5.08/90LF Tape



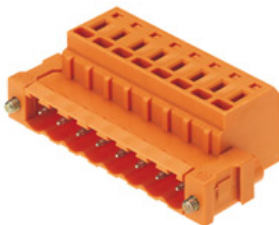
High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

- 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="#">1775264001</a>	SL-SMT 5.08/05/90LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167814	350 pc(s).	Tape

### 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="#">1846540000</a>	SLZF 5.08/05/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362844	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1797780000</a>	SL-SMT 5.00/05/90LF 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239788	350 pc(s).	Tape

### 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="#">1776392001</a>	SL-SMT 5.08/05/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248159178	50 pc(s).	Box
<a href="#">1838470000</a>	SL-SMT 5.08/05/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348534	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Counterpart

### 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="#">1510660000</a>	SL 5.08/05/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190121372	50 pc(s).	Box

### 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="#">1706170000</a>	SLZF 5.08/05/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248198030	50 pc(s).	Box



## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Counterpart

### SL-SMT 5.00/90LF Box



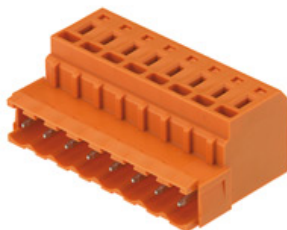
High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

- 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="#">1797260000</a>	SL-SMT 5.00/05/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238040	50 pc(s).	Box
<a href="#">1840380000</a>	SL-SMT 5.00/05/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351220	50 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="#">1710240000</a>	SLZF 5.08/05/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4008190319557	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

## Counterpart

### SLDV-THR 5.08/180F



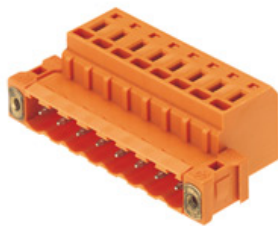
High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

- 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="#">1828800000</a>	SLDV-THR 5.08/10/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335480	50 pc(s).	Box
<a href="#">1828920000</a>	SLDV-THR 5.08/10/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335619	50 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="#">1846970000</a>	SLZF 5.08/05/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248363131	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1519860000</a>	SL 5.08/05/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190014094	50 pc(s).	Box

### 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="#">1829160000</a>	SLDV-THR 5.08/10/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335855	50 pc(s).	Box
<a href="#">1829040000</a>	SLDV-THR 5.08/10/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 10, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335732	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

# 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="#">1627270000</a>	SLS 5.08/05/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4008190199784	50 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="#">1673580000</a>	SLZF 5.08/05/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4008190435295	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1837680000</a>	SL-SMT 5.08/05/90F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248347476	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

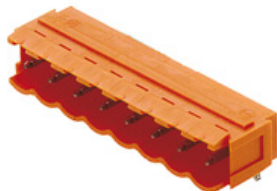
Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
<a href="#">1780440000</a>	SL-SMT 5.08/05/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165766	50 pc(s).	Box
<a href="#">1775262001</a>	SL-SMT 5.08/05/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157242	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1580890000</a>	SL 5.00/05/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 5, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190042578	50 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="#">1846390000</a>	SLS 5.08/05/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362097	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## Counterpart

### 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="#">1776394001</a>	SL-SMT 5.08/05/180LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248163618	250 pc(s).	Tape

### 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="#">1605560000</a>	SL 5.08/05/135B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190089948	50 pc(s).	Box

## System pitch 5.08 mm (0.200 inch) BLZP 5.08/05/180 SN OR BX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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="#">1611740000</a>	SLT 5.08/05/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, TOP connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Box	4008190192624	50 pc(s).	Box

### 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="#">1846240000</a>	SLS 5.08/05/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 5, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm <sup>2</sup> , Box	4032248362523	50 pc(s).	Box



# Datasheet

**System pitch 5.08 mm (0.200 inch)**  
**BLZP 5.08/05/180 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

# Counterpart

## 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="#">1820770000</a>	SL-SMT 5.08/05/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248317639	50 pc(s).	Box
<a href="#">1837330000</a>	SL-SMT 5.08/05/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 5, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248345922	50 pc(s).	Box