

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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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="#">1955560000</a>
Part designation	BLZP 5.00/03/180 SN BK BX
Version	PCB plug-in connector, female plug, 5 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Box
GTIN (EAN)	4032248634057
Qty.	100 pc(s).
Packaging	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 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 mm	Pitch in inch	0.197 inch
No. of poles	3	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	10 mm	L1 in inch	0.394 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		

Creation date July 20, 2010 8:00:41 PM CEST

Last update 28.05.2010 / We reserve the right to make technical changes.

**Datasheet****System pitch 5.00 mm (0.197 inch)  
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Approvals institutes	CURUS
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**Classifications**

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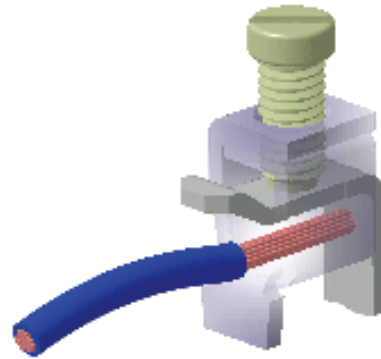
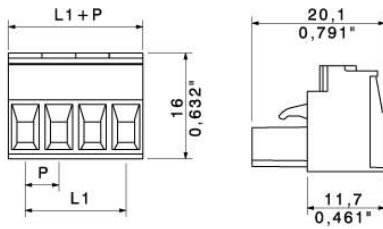
**Notes**

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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**Datasheet**

**System pitch 5.00 mm (0.197 inch)**  
**BLZP 5.00/03/180 SN BK BX**

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**Drawings**

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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# Counterpart

### SLD 5.00/90G



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="#">1614360000</a>	SLD 5.00/06/90G 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190029166	50 pc(s).	Box

### SL 5.00/135



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="#">1630260000</a>	SL 5.00/03/135 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190203689	100 pc(s).	Box

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**Counterpart**
**SLDV-THR 5.00/180G**


High-temperature resistant, double level, laterally offset, closed ended male connector, with solder flange option. 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="#">1894990000</a>	SLDV-THR 5.00/06/180G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248509706	50 pc(s).	Box
<a href="#">1882700000</a>	SLDV-THR 5.00/06/180G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248486274	50 pc(s).	Box

**SLDV-THR 5.00/180GLF**


High-temperature resistant, double level, laterally offset, closed ended male connector, with solder flange option. 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="#">1911760000</a>	SLDV-THR 5.00/06/180GLF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248539918	50 pc(s).	Box
<a href="#">1911310000</a>	SLDV-THR 5.00/06/180GLF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248539406	50 pc(s).	Box

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## Counterpart

### SL-SMT 5.00/90 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="#">1839900000</a>	SL-SMT 5.00/03/90 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248350544	100 pc(s).	Box
<a href="#">1796940000</a>	SL-SMT 5.00/03/90 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237722	100 pc(s).	Box

### SL-SMT 5.00/90G 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="#">1797090000</a>	SL-SMT 5.00/03/90G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237876	100 pc(s).	Box
<a href="#">1840130000</a>	SL-SMT 5.00/03/90G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248350872	100 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="#">1571140000</a>	SL 5.00/03/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190167202	100 pc(s).	Box
<a href="#">1626000000</a>	SL 5.00/03/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190197308	100 pc(s).	Box

### SLD 5.00/180G



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="#">1614820000</a>	SLD 5.00/06/180G 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190039035	50 pc(s).	Box



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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="#">1508160000</a>	SL 5.08/03/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190028879	100 pc(s).	Box

### SL-SMT 5.00/180G 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="#">1841170000</a>	SL-SMT 5.00/03/180G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248352067	100 pc(s).	Box
<a href="#">1796640000</a>	SL-SMT 5.00/03/180G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237265	100 pc(s).	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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## Counterpart

### SL-SMT 5.00/180 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="#">1797810000</a>	SL-SMT 5.00/03/180 1.5 SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239818	250 pc(s).	Tape

### SL 5.00/180



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="#">1581330000</a>	SL 5.00/03/180 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190120085	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="#">1780190000</a>	SL-SMT 5.08/03/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165513	100 pc(s).	Box
<a href="#">1775012001</a>	SL-SMT 5.08/03/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156030	100 pc(s).	Box

**SL-SMT 5.00/180 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="#">1796490000</a>	SL-SMT 5.00/03/180 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237029	100 pc(s).	Box
<a href="#">1840930000</a>	SL-SMT 5.00/03/180 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351824	100 pc(s).	Box

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## Counterpart

### SL-SMT 5.00/90 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="#">1797630000</a>	SL-SMT 5.00/03/90 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239634	350 pc(s).	Tape

### 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="#">1775014001</a>	SL-SMT 5.08/03/90G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167739	350 pc(s).	Tape

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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## Counterpart

### SL-SMT 5.00/180G 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="#">1797880000</a>	SL-SMT 5.00/03/180G 1.5 SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239887	250 pc(s).	Tape

### SL-SMT 5.00/90G 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="#">1797700000</a>	SL-SMT 5.00/03/90G 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239702	350 pc(s).	Tape

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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## 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="#">1775244001</a>	SL-SMT 5.08/03/90LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167791	350 pc(s).	Tape

### SLDV-THR 5.00/180F



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. 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="#">1895240000</a>	SLDV-THR 5.00/06/180F 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248509966	50 pc(s).	Box
<a href="#">1882940000</a>	SLDV-THR 5.00/06/180F 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248487127	50 pc(s).	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 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="#">1797760000</a>	SL-SMT 5.00/03/90LF 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239764	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="#">1510460000</a>	SL 5.08/03/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190054892	100 pc(s).	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 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="#">1840360000</a>	SL-SMT 5.00/03/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351107	100 pc(s).	Box
<a href="#">1797240000</a>	SL-SMT 5.00/03/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238026	100 pc(s).	Box

### SL 5.00/135B



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="#">1630490000</a>	SL 5.00/03/135B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190203917	100 pc(s).	Box



## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 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="#">1519660000</a>	SL 5.08/03/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190110024	100 pc(s).	Box

### SLDV-THR 5.00/180FLF



High-temperature resistant, double level, laterally offset, closed ended male connector, with solder flange option. 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="#">1883110000</a>	SLDV-THR 5.00/06/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248487387	50 pc(s).	Box
<a href="#">1895470000</a>	SLDV-THR 5.00/06/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248510214	50 pc(s).	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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## Counterpart

### SL-SMT 5.00/180LF 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="#">1797940000</a>	SL-SMT 5.00/03/180LF 1.5 SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239948	250 pc(s).	Tape

### 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="#">1780420000</a>	SL-SMT 5.08/03/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165742	100 pc(s).	Box
<a href="#">1775242001</a>	SL-SMT 5.08/03/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157228	100 pc(s).	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 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="#">1580870000</a>	SL 5.00/03/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190008482	100 pc(s).	Box

### SL-SMT 5.00/180LF 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="#">1796790000</a>	SL-SMT 5.00/03/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237418	100 pc(s).	Box
<a href="#">1841400000</a>	SL-SMT 5.00/03/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248352302	100 pc(s).	Box

## System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/180 SN BK BX

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## Counterpart

### 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="#">1812440000</a>	SL-SMaRT 5.0X/03/90 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248294022	350 pc(s).	Tape

### 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="#">1812460000</a>	SL-SMaRT 5.0X/03/180 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248294046	270 pc(s).	Tape

## Datasheet

**System pitch 5.00 mm (0.197 inch)**  
**BLZP 5.00/03/180 SN BK BX**

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## Counterpart

### SL 5.00/180B



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="#">1581790000</a>	SL 5.00/03/180B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190185169	100 pc(s).	Box