

**System pitch 5.00 mm (0.197 inch)
BLZP 5.00/03/90 SN BK BX**

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Socket connectors with clamping yoke screw connection for conductor connection with a right-angle (90° or 270°) 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 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	1958640000
Part designation	BLZP 5.00/03/90 SN BK BX
Version	PCB plug-in connector, female plug, 5 mm, No. of poles: 3, 90°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box
GTIN (EAN)	4032248637379
Qty.	120 pc(s).
Packaging	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/90 SN BK BX

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Technical data

System parameters

Conductor connection system	Clamping yoke connection	Outgoing direction of conductor	90°
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 ²	Clamping range, max.	4 mm ²
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 ²	Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	4 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	with wire end ferrule, DIN 46228 pt 1, max.	4 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	with plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
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)	15.5 A	Rated current, max. No. of poles (Tu=20°C)	13 A
Rated current, no. of poles (Tu=40°C), min.	12 A	Rated current, no. of poles (Tu=40°C), max.	10.5 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 8:09:39 PM CEST

Datasheet**System pitch 5.00 mm (0.197 inch)
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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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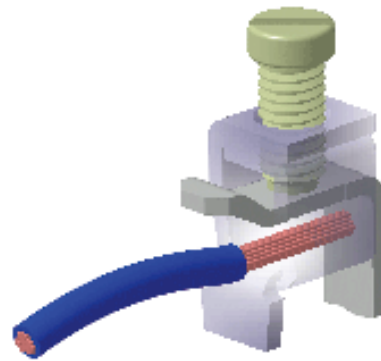
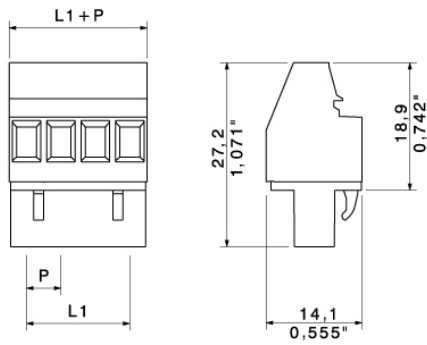
Notes

Notes	<ul style="list-style-type: none">• Additional colours on request• Rated current related to rated cross-section and min. No. of poles.• Wire end ferrule without plastic collar to DIN 46228 pt 1• Wire end ferrule with plastic collar to DIN 46228 pt 4• P on drg. = pitch• Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
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Datasheet

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Drawings

System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/90 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
1614360000	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
1630260000	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
1894990000	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
1882700000	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
1911760000	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
1911310000	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
1839900000	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
1796940000	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
1797090000	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
1840130000	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
1571140000	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
1626000000	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
1614820000	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

System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/90 SN BK BX

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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
1508160000	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
1841170000	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
1796640000	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 5.00/03/90 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
1797810000	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
1581330000	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

System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/90 SN BK BX

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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
1780190000	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
1775012001	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
1796490000	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
1840930000	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

System pitch 5.00 mm (0.197 inch) BLZP 5.00/03/90 SN BK BX

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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
1797630000	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
1775014001	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 5.00/03/90 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
1797880000	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
1797700000	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 5.00/03/90 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
1775244001	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
1895240000	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
1882940000	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

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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
1797760000	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
1510460000	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 5.00/03/90 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
1840360000	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
1797240000	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
1630490000	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 5.00/03/90 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
1519660000	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
1883110000	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
1895470000	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 5.00/03/90 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
1797940000	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
1780420000	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
1775242001	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 5.00/03/90 SN BK BX

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Counterpart

SL-SMT 5.00/180LF Box



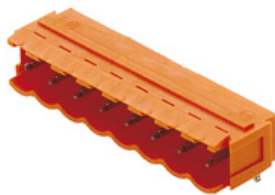
High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1796790000	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
1841400000	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

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.

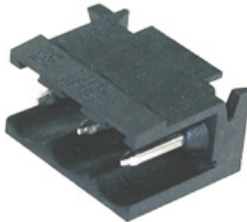
- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1580870000	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

**System pitch 5.00 mm (0.197 inch)
BLZP 5.00/03/90 SN BK BX**

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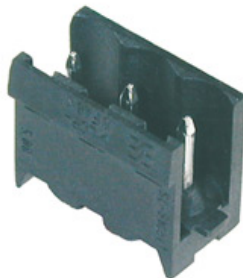
Counterpart
SL-SMaRT 5.0x/90 Tape


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
1812440000	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
1812460000	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 5.00/03/90 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
1581790000	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