

**System pitch 5.00 mm (0.197 inch)
BLZP 5.00/12/180 SN BK BX**

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

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	1955470000
Part designation	BLZP 5.00/12/180 SN BK BX
Version	PCB plug-in connector, female plug, 5 mm, No. of poles: 12, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box
GTIN (EAN)	4032248633968
Qty.	36 pc(s).
Packaging	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 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	12	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	55 mm	L1 in inch	2.165 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)	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 8:02:49 PM CEST

Datasheet**System pitch 5.00 mm (0.197 inch)
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www.weidmueller.com**Technical data****Approvals**

Approvals institutes CURUS

Classifications

eClass 6.0 27-26-07-08

Notes

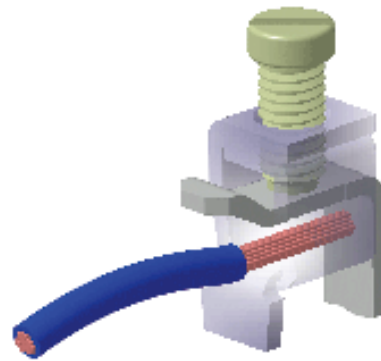
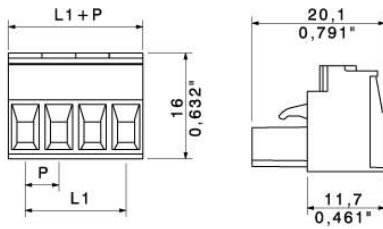
Notes

- 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.

Datasheet

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Drawings

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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
1614450000	SLD 5.00/24/90G 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190030780	10 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
1630350000	SL 5.00/12/135 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190203771	50 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
1895080000	SLDV-THR 5.00/24/180G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248509799	10 pc(s).	Box
1882760000	SLDV-THR 5.00/24/180G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248486335	10 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
1911500000	SLDV-THR 5.00/24/180GLF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248539499	10 pc(s).	Box
1911850000	SLDV-THR 5.00/24/180GLF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248540006	10 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
1839990000	SL-SMT 5.00/12/90 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248350735	50 pc(s).	Box
1797030000	SL-SMT 5.00/12/90 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237814	50 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
1840220000	SL-SMT 5.00/12/90G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248350964	50 pc(s).	Box
1797180000	SL-SMT 5.00/12/90G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237968	50 pc(s).	Box

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Counterpart

SL 5.00/90



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1626080000	SL 5.00/12/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190197384	50 pc(s).	Box
1571110000	SL 5.00/12/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190140106	50 pc(s).	Box

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
1509060000	SL 5.08/12/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190105983	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 SN BK BX

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Counterpart

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
1614910000	SLD 5.00/24/180G 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190040222	10 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
1796730000	SL-SMT 5.00/12/180G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237357	50 pc(s).	Box
1841260000	SL-SMT 5.00/12/180G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248352166	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 SN BK BX

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Counterpart

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
1581420000	SL 5.00/12/180 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190133863	50 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
1841030000	SL-SMT 5.00/12/180 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351916	50 pc(s).	Box
1796580000	SL-SMT 5.00/12/180 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237104	50 pc(s).	Box

Datasheet

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/12/180 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
1780280000	SL-SMT 5.08/12/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165605	50 pc(s).	Box
1775102001	SL-SMT 5.08/12/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156573	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 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
1520560000	SL 5.08/12/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190169077	50 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
1883200000	SLDV-THR 5.00/24/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248487578	10 pc(s).	Box
1895560000	SLDV-THR 5.00/24/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248510306	10 pc(s).	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 SN BK BX

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Counterpart

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
1881370000	SLDV-THR 5.00/24/180F 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248482726	10 pc(s).	Box
1895330000	SLDV-THR 5.00/24/180F 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 24, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248510054	10 pc(s).	Box

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
1511360000	SL 5.08/12/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190015985	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 SN BK BX

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Counterpart

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
1780510000	SL-SMT 5.08/12/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165834	50 pc(s).	Box
1775332001	SL-SMT 5.08/12/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157310	50 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
1796880000	SL-SMT 5.00/12/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237500	50 pc(s).	Box
1841490000	SL-SMT 5.00/12/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248352395	50 pc(s).	Box

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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
1580960000	SL 5.00/12/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190071851	50 pc(s).	Box

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
1581880000	SL 5.00/12/180B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190185947	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch) BLZP 5.00/12/180 SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
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Counterpart

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
1630580000	SL 5.00/12/135B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190204006	50 pc(s).	Box

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
1797330000	SL-SMT 5.00/12/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238118	50 pc(s).	Box
1840450000	SL-SMT 5.00/12/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 12, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351299	50 pc(s).	Box