

**System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX**

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Female connectors with clamping yoke screw connection for conductor connection with straight outlet direction. The socket blocks provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5mm² (IEC) / 26 - 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Material number	1625610000
Short text for material	BLZ 5.00/02/180 SN BK BX
Article - short description	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
EAN	4008190196912
Qty.	100 pc(s).
Packaging	Box

System pitch 5.00 mm (0.197 inch) BLZ 5.00/02/180 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	2	No. of rows	1
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	5 mm	L1 in inch	0.197 inch
Electric shock protection to DIN VDE 0470	IP 20	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	Highest continuous operating temperature, min.	-25 °C
Highest continuous operating temperature, max.	100 °C		

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	3.31 mm ²
Conductor connection cross-section AWG, min.	AWG 26	Conductor connection cross-section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.5 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Flexible, max. H05(07) V-K	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²	with wire end ferrule, DIN 46228 pt 1, max.	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 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 2.0 mm; 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)	14.5 A
Rated current, no. of poles (Tu=40°C), min.	16 A	Rated current, no. of poles (Tu=40°C), max.	12.5 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)	15 A
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)	15 A
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

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Technical data

Approvals

Approvals CSA; GOSTME25; UR;
ROHS

Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC002637
UNSPSC	30-21-18-10	eClass 4.1	27-26-07-01
eClass 5.1	27-26-07-04	eClass 6.0	27-26-07-04

Notes

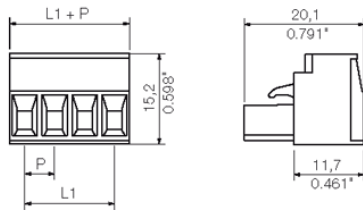
Notes

- Additional colours on request
- Gold-plated contact surfaces 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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Drawings

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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1894980000	SLDV-THR 5.00/04/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Box	4032248509690	50 pc(s).	Box
1882690000	SLDV-THR 5.00/04/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Box	4032248486267	50 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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1614810000	SLD 5.00/04/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190038984	50 pc(s).	Box

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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1625990000	SL 5.00/02/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 4.5 mm, tinned, black, Box	4008190197292	100 pc(s).	Box
1571130000	SL 5.00/02/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190156121	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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1841160000	SL-SMT 5.00/02/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Box	4032248352050	100 pc(s).	Box
1796630000	SL-SMT 5.00/02/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Box	4032248237258	100 pc(s).	Box

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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1821140000	SL-SMT 5.08/02/90G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248319787	350 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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797690000	SL-SMT 5.00/02/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248239696	350 pc(s).	Tape

System pitch 5.00 mm (0.197 inch)
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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1581320000	SL 5.00/02/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190180058	100 pc(s).	Box

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1614350000	SLD 5.00/04/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 4, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190028855	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797870000	SL-SMT 5.00/02/180G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248239870	250 pc(s).	Tape

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1840120000	SL-SMT 5.00/02/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Box	4032248350865	100 pc(s).	Box
1797080000	SL-SMT 5.00/02/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Box	4032248237869	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797800000	SL-SMT 5.00/02/180 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248239801	250 pc(s).	Tape

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1508060000	SL 5.08/02/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190189006	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797620000	SL-SMT 5.00/02/90 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248239627	350 pc(s).	Tape

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1630250000	SL 5.00/02/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 2, 135°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190203672	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (fully pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1839890000	SL-SMT 5.00/02/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Box	4032248350537	100 pc(s).	Box
1796930000	SL-SMT 5.00/02/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Box	4032248237715	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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1796480000	SL-SMT 5.00/02/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Box	4032248237012	100 pc(s).	Box
1840920000	SL-SMT 5.00/02/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin	4032248351817	100 pc(s).	Box

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Mating connector (fully pluggable)

length: 3.2 mm, tinned, black,
 Box

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1780180000	SL-SMT 5.08/02/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Box	4032248165506	100 pc(s).	Box
1775002001	SL-SMT 5.08/02/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Box	4032248156023	100 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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1911290000	SLDV-THR 5.00/04/180GLF 3.2SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Box	4032248539345	50 pc(s).	Box
1911750000	SLDV-THR 5.00/04/180GLF 1.5SN BK BX	PCB plug-in connector, male header, closed side /	4032248539833	50 pc(s).	Box

Creation date February 14, 2011 12:45:04 PM CET

Last update 29.11.2010 / We reserve the right to make technical changes.

Datasheet

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Mating connector (fully pluggable)

solder flange, Reflow solder
connection, 5.00 mm, No.
of poles: 4, 180°, Solder pin
length: 1.5 mm, tinned, black,
Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1510360000	SL 5.08/02/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190180188	100 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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1780410000	SL-SMT 5.08/02/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Box	4032248165735	100 pc(s).	Box
1775232001	SL-SMT 5.08/02/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Box	4032248157211	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1796780000	SL-SMT 5.00/02/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Box	4032248237401	100 pc(s).	Box
1841390000	SL-SMT 5.00/02/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Box	4032248352296	100 pc(s).	Box

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797930000	SL-SMT 5.00/02/180LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248239931	250 pc(s).	Tape

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SL 5.00/180B



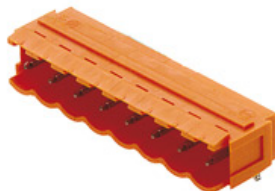
Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1581780000	SL 5.00/02/180B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190048730	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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1580860000	SL 5.00/02/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190054489	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1775234001	SL-SMT 5.08/02/90LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248167784	350 pc(s).	Tape

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

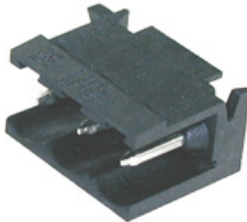
Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1883100000	SLDV-THR 5.00/04/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Box	4032248487370	50 pc(s).	Box
1895460000	SLDV-THR 5.00/04/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Box	4032248510207	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMaRT 5.0x/90 Tape



High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1812430000	SL-SMART 5.0X/02/90 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248294015	350 pc(s).	Tape

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1519560000	SL 5.08/02/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190083892	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797230000	SL-SMT 5.00/02/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Box	4032248238019	100 pc(s).	Box
1840350000	SL-SMT 5.00/02/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Box	4032248351091	100 pc(s).	Box

SL-SMarT 5.0x/180 Tape



High-temperature resistant male header for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1812450000	SL-SMART 5.0X/02/180 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248294039	270 pc(s).	Tape

System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX

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Mating connector (conditionally pluggable)
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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1882930000	SLDV-THR 5.00/04/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Box	4032248487110	50 pc(s).	Box
1895230000	SLDV-THR 5.00/04/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Box	4032248509959	50 pc(s).	Box

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1797750000	SL-SMT 5.00/02/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Tape	4032248239757	350 pc(s).	Tape

**System pitch 5.00 mm (0.197 inch)
BLZ 5.00/02/180 SN BK BX**

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Mating connector (conditionally pluggable)

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

Material number	Short text for material	Article - short description	EAN	Qty.	Packaging
1630480000	SL 5.00/02/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 2, 135°, Solder pin length: 3.2 mm, tinned, orange, Box	4008190203900	100 pc(s).	Box