System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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 mm2 (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	1955570000
Part designation	BLZP 5.00/02/180 SN BK BX
Version	PCB plug-in connector, female plug, 5 mm, No. of poles: 2, 180°, Clamping yoke connection, Clamping range, max.: 4 mm², Box
GTIN (EAN)	4032248634064
Qty.	100 pc(s).
Packaging	Box

System pitch 5.00 mm (0.197 inch)
BLZP 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 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 continous operating temperature, min.	-25 °C	Highest continous operating temperature, max.	100 °C

Connectable conductors

Clamping range, min.	0.13 mm²	Clamping range, max.	4 mm²
Conductor connection cross-section AWG, min.	AWG 26	Conductor connection cross-section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm²	Solid, max. H05(07) V-U	4 mm²
Flexible, min. H05(07) V-K	0.2 mm²	Flexible, max. H05(07) V-K	4 mm²
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm²	with wire end ferrule, DIN 46228 pt 1, max.	4 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm²	with plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm²
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 7:25:36 PM CEST

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

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Technical data

Approvals

Approvals institutes	CURUS

Classifications

eClass 6.0	27-26-07-08

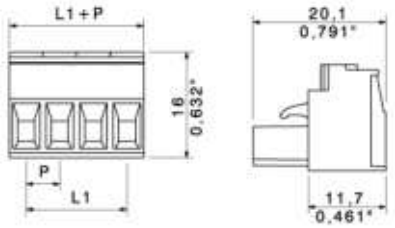
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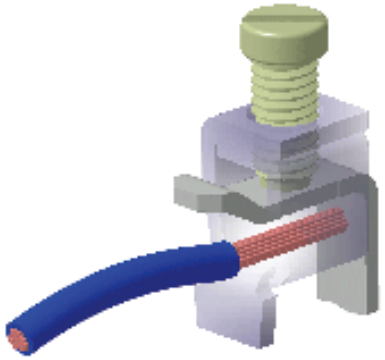
Notes	• Additional colours on request • Rated current related to rated cross-section and min. No. of poles. • Wire end ferrule without plastic collar to DIN 46228 pt 1 • Wire end ferrule with plastic collar to DIN 46228 pt 4 • P on drg. = pitch • Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

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

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Drawings





System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1614350000	SLD 5.00/04/90G 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190028855	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
1630250000	SL 5.00/02/135 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190203672	100 pc(s).	Box

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

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Counterpart

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
1911290000	SLDV-THR 5.00/04/180GLF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248539345	50 pc(s).	Box
1911750000	SLDV-THR 5.00/04/180GLF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248539833	50 pc(s).	Box

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
1894980000	SLDV-THR 5.00/04/180G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248509690	50 pc(s).	Box
1882690000	SLDV-THR 5.00/04/180G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248486267	50 pc(s).	Box

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

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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
1839890000	SL-SMT 5.00/02/90 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248350537	100 pc(s).	Box
1796930000	SL-SMT 5.00/02/90 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237715	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
1797080000	SL-SMT 5.00/02/90G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237869	100 pc(s).	Box
1840120000	SL-SMT 5.00/02/90G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248350865	100 pc(s).	Box

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

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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
1571130000	SL 5.00/02/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190156121	100 pc(s).	Box
1625990000	SL 5.00/02/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190197292	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
1614810000	SLD 5.00/04/180G 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190038984	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1508060000	SL 5.08/02/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190189006	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
1841160000	SL-SMT 5.00/02/180G 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248352050	100 pc(s).	Box
1796630000	SL-SMT 5.00/02/180G 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237258	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1797800000	SL-SMT 5.00/02/180 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239801	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
1581320000	SL 5.00/02/180 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190180058	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1780180000	SL-SMT 5.08/02/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165506	100 pc(s).	Box
1775002001	SL-SMT 5.08/02/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156023	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
1796480000	SL-SMT 5.00/02/180 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237012	100 pc(s).	Box
1840920000	SL-SMT 5.00/02/180 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351817	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1797620000	SL-SMT 5.00/02/90 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239627	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
1821140000	SL-SMT 5.08/02/90G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248319787	350 pc(s).	Tape

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

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Counterpart

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
1797690000	SL-SMT 5.00/02/90G 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239696	350 pc(s).	Tape

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
1797870000	SL-SMT 5.00/02/180G 1.5 SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239870	250 pc(s).	Tape

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1775234001	SL-SMT 5.08/02/90LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167784	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
1882930000	SLDV-THR 5.00/04/180F 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248487110	50 pc(s).	Box
1895230000	SLDV-THR 5.00/04/180F 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248509959	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1797750000	SL-SMT 5.00/02/90LF 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239757	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
1510360000	SL 5.08/02/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190180188	100 pc(s).	Box

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

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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
1630480000	SL 5.00/02/135B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190203900	100 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
1797230000	SL-SMT 5.00/02/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238019	100 pc(s).	Box
1840350000	SL-SMT 5.00/02/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351091	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1519560000	SL 5.08/02/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190083892	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
1883100000	SLDV-THR 5.00/04/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248487370	50 pc(s).	Box
1895460000	SLDV-THR 5.00/04/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 4, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248510207	50 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1797930000	SL-SMT 5.00/02/180LF 1.5 SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239931	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
1775232001	SL-SMT 5.08/02/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157211	100 pc(s).	Box
1780410000	SL-SMT 5.08/02/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165735	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1812430000	SL-SMarT 5.0X/02/90 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248294015	350 pc(s).	Tape

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
1580860000	SL 5.00/02/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190054489	100 pc(s).	Box

System pitch 5.00 mm (0.197 inch)
BLZP 5.00/02/180 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
1841390000	SL-SMT 5.00/02/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248352296	100 pc(s).	Box
1796780000	SL-SMT 5.00/02/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248237401	100 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
1581780000	SL 5.00/02/180B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190048730	100 pc(s).	Box

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

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Counterpart

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
1812450000	SL-SMarT 5.0X/02/180 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 2, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248294039	270 pc(s).	Tape