

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

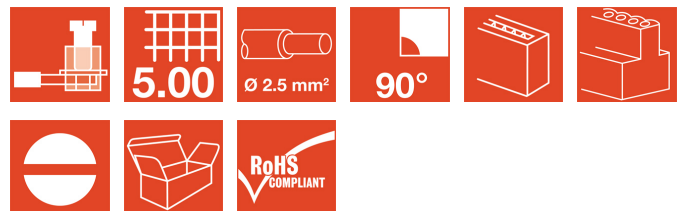
D-32758 Detmold

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Female plugs with clamping-yoke screw for wire connection with 90° outlet direction. The female plugs provide space for labelling and can be coded.

- 0.20 - 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.	1636920000
Type	BLZ 5.00/05/90 SN BK BX
Version	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 5, 90°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31 mm ² , Box
Product data	IEC: 400 V / 15 A / 0.5 - 2.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 12
GTIN (EAN)	4008190274160
Qty.	72 pc(s).
Packaging	Box

Creation date March 13, 2012 12:08:32 PM CET

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Technical data
System parameters

Product family	BL/SL 5.00 series	Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	90°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	5
Number 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	20 mm
L1 in inches	0.787 inch	Touch-safe protection acc. to DIN VDE 0470 IP 20	
Touch-safe protection acc. 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
Continuous operating temp., min.	-25 °C	Continuous operating temp., max.	100 °C

Connectable conductors

Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	3.31 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire 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	w. 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	w. plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Plug gauge acc. 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)	15 A	Rated current, max. no. of poles (Tu=20°C)	12 A
Rated current, number of poles (Tu=40°C), min.	12 A	Rated current, number of poles (Tu=40°C), max.	10 A
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated voltage for surge voltage class / pollution degree III/2	320 V
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

CSA rating data

Institute (CSA)		Rated voltage (Use group B)	300 V
Rated current (use group B)	10 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		

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Technical data
UL 1059 rating data

Institute (UR)



Rated voltage (use group B)

300 V

Rated current (use group B)	10 A
Rated current (use group D)	10 A
Wire cross-section, AWG, max.	AWG 12

Rated voltage (use group D)	300 V
Wire cross-section, AWG, min.	AWG 26

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
eClass 7.0	27-44-04-02		

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 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- 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.

Approvals

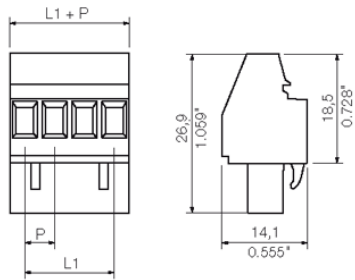
Approvals



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Drawings



BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (fully pluggable)
SLDV-THR 5.00/180GLF


High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1911780000	SLDV-THR 5.00/10/180GLF 1.5SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539932	50 pc(s).	Box
1911330000	SLDV-THR 5.00/10/180GLF 3.2SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539420	50 pc(s).	Box

SLD 5.00/180G


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1614840000	SLD 5.00/10/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190039202	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (fully pluggable)
SL-SMT 5.00/180 Tape


High-temperature-resistant, straight, open ended male header. 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797830000	SL-SMT 5.00/05/180 1.5 SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239832	250 pc(s).	Tape

SL 5.00/135


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1630280000	SL 5.00/05/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 5, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203702	50 pc(s).	Box

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Mating connector (fully pluggable)
SL-SMT 5.00/90G Box


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1840150000	SL-SMT 5.00/05/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350896	50 pc(s).	Box
1797110000	SL-SMT 5.00/05/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237890	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 pin headers provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1508360000	SL 5.08/05/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190131241	50 pc(s).	Box

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Mating connector (fully pluggable)
SLD 5.00/90G


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1614380000	SLD 5.00/10/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 10, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190029593	50 pc(s).	Box

SLDV-THR 5.00/180G


High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1895010000	SLDV-THR 5.00/10/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509720	50 pc(s).	Box
1882710000	SLDV-THR 5.00/10/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248486281	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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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 pin headers provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1626020000	SL 5.00/05/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190197322	50 pc(s).	Box
1571160000	SL 5.00/05/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190128463	50 pc(s).	Box

SL-SMT 5.00/90G Tape


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797720000	SL-SMT 5.00/05/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239726	350 pc(s).	Tape

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (fully pluggable)
SL-SMT 5.00/180 Box


High-temperature-resistant, straight, open ended male header. 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1840950000	SL-SMT 5.00/05/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351848	50 pc(s).	Box
1796510000	SL-SMT 5.00/05/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237043	50 pc(s).	Box

SL 5.00/180


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1581350000	SL 5.00/05/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190125011	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (fully pluggable)
SL-SMT 5.00/180G Box


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1796660000	SL-SMT 5.00/05/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237289	50 pc(s).	Box
1841190000	SL-SMT 5.00/05/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352081	50 pc(s).	Box

SL-SMT 5.08/90G Box


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1775032001	SL-SMT 5.08/05/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248156092	50 pc(s).	Box
1780210000	SL-SMT 5.08/05/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165537	50 pc(s).	Box

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Mating connector (fully pluggable)

pin length (l): 3.2 mm, tinned,
 Black, Box

SL-SMT 5.00/90 Box


High-temperature-resistant, 90° angled, open male header
 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 provide
 space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1839920000	SL-SMT 5.00/05/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350568	50 pc(s).	Box
1796960000	SL-SMT 5.00/05/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237746	50 pc(s).	Box

SL-SMT 5.08/90G Tape


High-temperature-resistant male header, 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 provide space for labelling
 and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1775034001	SL-SMT 5.08/05/90G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248167753	350 pc(s).	Tape

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Mating connector (fully pluggable)
SL-SMT 5.00/90 Tape


High-temperature-resistant, 90° angled, open male header
 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 provide
 space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797650000	SL-SMT 5.00/05/90 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239658	350 pc(s).	Tape

SL-SMT 5.00/180G Tape


High-temperature-resistant male header, 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 provide space for labelling
 and can be coded.

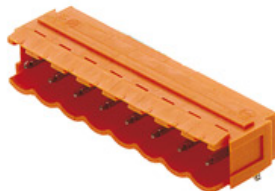
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797900000	SL-SMT 5.00/05/180G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239900	250 pc(s).	Tape

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Mating connector (conditionally pluggable)
SL 5.00/90B


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1580890000	SL 5.00/05/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190042578	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 pin headers provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1581810000	SL 5.00/05/180B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190007935	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (conditionally pluggable)
SL 5.08/180B


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

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1519860000	SL 5.08/05/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190014094	50 pc(s).	Box

SL 5.00/135B


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1630510000	SL 5.00/05/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 5, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203931	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 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 pin headers provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1510660000	SL 5.08/05/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 5, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190121372	50 pc(s).	Box

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. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1882960000	SLDV-THR 5.00/10/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487141	50 pc(s).	Box
1895260000	SLDV-THR 5.00/10/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509980	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (conditionally pluggable)
SL-SMT 5.00/180LF Box


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1841420000	SL-SMT 5.00/05/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352326	50 pc(s).	Box
1796810000	SL-SMT 5.00/05/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237432	50 pc(s).	Box

SL-SMT 5.08/90LF Box


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1780440000	SL-SMT 5.08/05/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165766	50 pc(s).	Box
1775262001	SL-SMT 5.08/05/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248157242	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (conditionally pluggable)
SL-SMT 5.00/180LF Tape


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797960000	SL-SMT 5.00/05/180LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239962	250 pc(s).	Tape

SLDV-THR 5.00/180FLF


High-temperature resistant, double level, laterally offset, closed ended male header, with solder flange option. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1883130000	SLDV-THR 5.00/10/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487400	50 pc(s).	Box
1895490000	SLDV-THR 5.00/10/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 10, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248510238	50 pc(s).	Box

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (conditionally pluggable)
SL-SMT 5.00/90LF Box


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1840380000	SL-SMT 5.00/05/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351220	50 pc(s).	Box
1797260000	SL-SMT 5.00/05/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248238040	50 pc(s).	Box

SL-SMT 5.08/90LF Tape


High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1775264001	SL-SMT 5.08/05/90LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248167814	350 pc(s).	Tape

BL/SL 5.00 series
BLZ 5.00/05/90 SN BK BX

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Mating connector (conditionally pluggable)**SL-SMT 5.00/90LF Tape**

High-temperature-resistant male header, 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 provide space for labelling and can be coded.

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

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797780000	SL-SMT 5.00/05/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 5, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239788	350 pc(s).	Tape

