

BL/SL 5.00 series
BL 5.00/06/180 SN BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

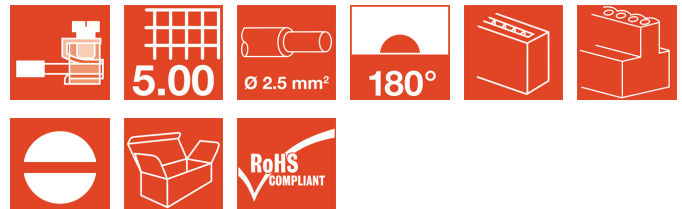
D-32758 Detmold

Germany

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Female plugs with leaf-spring wire connection system. The female plugs provide space for labelling.

- 0.2 - 1.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	1730740000
Type	BL 5.00/06/180 SN BK BX
Version	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 6, 180°, Leaf spring connection, Clamping range, rated connection, max.: 2.08 mm ² , Box
Product data	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14
GTIN (EAN)	4008190387297
Qty.	50 pc(s).
Packaging	Box

Creation date March 15, 2012 10:05:12 AM CET

BL/SL 5.00 series
BL 5.00/06/180 SN BK BX

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Technical data
System parameters

Product family	BL/SL 5.00 series	Conductor connection system	Leaf spring connection
Outgoing direction of conductor	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	6
Number of rows	1	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Clamping screw	M 2.5
Stripping length	6 mm	L1 in mm	25 mm
L1 in inches	0.984 inch	Touch-safe protection acc. to DIN VDE 0470 IP 00	

Material data

Insulating material	PA	Colour	Black
Colour chart	Similar to RAL 9011	Flammability class UL 94	V-2
CTI	≥ 200	Contact material	CuSn
Contact surface	tinned	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.	2.08 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
Solid, min. H05(07) V-U	0.5 mm ²	Solid, max. H05(07) V-U	1.5 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1 mm ²	Plug gauge acc. to EN 60999 a x b; ø	2.4 mm x 1.5 mm

DIN IEC rating data

Rated current, min. no. of poles (Tu=20°C)	14 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

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 14		

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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 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 14

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
- Do not tighten screws when plugged in.
- 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

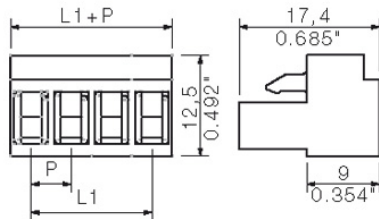
Approvals



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Drawings



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BL 5.00/06/180 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
1911340000	SLDV-THR 5.00/12/180GLF 3.2SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539437	50 pc(s).	Box
1911790000	SLDV-THR 5.00/12/180GLF 1.5SN BK BX	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248539949	50 pc(s).	Box

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
1797840000	SL-SMT 5.00/06/180 1.5 SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239849	250 pc(s).	Tape

BL/SL 5.00 series
BL 5.00/06/180 SN BK BX

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Mating connector (fully pluggable)
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
1614850000	SLD 5.00/12/180G 3.2SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190039257	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 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
1630290000	SL 5.00/06/135 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 6, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203719	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
1797120000	SL-SMT 5.00/06/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237906	50 pc(s).	Box
1840160000	SL-SMT 5.00/06/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350902	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
1895020000	SLDV-THR 5.00/12/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509737	50 pc(s).	Box
1882720000	SLDV-THR 5.00/12/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248486298	50 pc(s).	Box

BL/SL 5.00 series
BL 5.00/06/180 SN BK BX

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Mating connector (fully pluggable)

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

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
1614390000	SLD 5.00/12/90G 3.2 SN OR BX	PCB plug-in connector, male header, closed side, Solder connection, 5.00 mm, No. of poles: 12, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 11 A UL: 300 V / 10 A	4008190029753	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
1508460000	SL 5.08/06/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190132767	50 pc(s).	Box

BL/SL 5.00 series
BL 5.00/06/180 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
1596180000	SL 5.00/06/90 4.5SN BK BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 4.5 mm, tinned, Black, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190105655	50 pc(s).	Box
1571170000	SL 5.00/06/90 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190112325	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
1797730000	SL-SMT 5.00/06/90G 1.5SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239733	350 pc(s).	Tape

BL/SL 5.00 series
BL 5.00/06/180 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
1796520000	SL-SMT 5.00/06/180 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237050	50 pc(s).	Box
1840960000	SL-SMT 5.00/06/180 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351855	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
1581360000	SL 5.00/06/180 3.2SN OR BX	PCB plug-in connector, male header, open side, Solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190035303	50 pc(s).	Box

BL/SL 5.00 series

BL 5.00/06/180 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
1841200000	SL-SMT 5.00/06/180G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352098	50 pc(s).	Box
1796670000	SL-SMT 5.00/06/180G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237296	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
1775042001	SL-SMT 5.08/06/90G 1.5SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248156108	50 pc(s).	Box
1780220000	SL-SMT 5.08/06/90G 3.2SN BK BX	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 6, 90°, Solder	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165544	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
1796970000	SL-SMT 5.00/06/90 1.5SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237753	50 pc(s).	Box
1839930000	SL-SMT 5.00/06/90 3.2SN BK BX	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248350575	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
1775044001	SL-SMT 5.08/06/90G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248167760	350 pc(s).	Tape

BL/SL 5.00 series BL 5.00/06/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.00/90 Tape



High-temperature-resistant, 90° angled, open male 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
1797660000	SL-SMT 5.00/06/90 1.5SN BK RL	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239665	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.

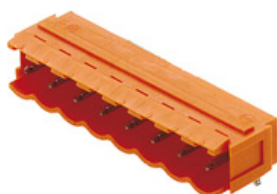
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Type	Version	Product data	GTIN (EAN)	Qty.	Packaging
1797910000	SL-SMT 5.00/06/180G 1.5 SN BK RL	PCB plug-in connector, male header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239917	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
1580900000	SL 5.00/06/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190130695	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
1581820000	SL 5.00/06/180B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190098872	50 pc(s).	Box

BL/SL 5.00 series
BL 5.00/06/180 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
1519960000	SL 5.08/06/180B 3.2 SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 6, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190011901	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
1630520000	SL 5.00/06/135B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.00 mm, No. of poles: 6, 135°, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 17 A UL: 300 V / 15 A	4008190203948	50 pc(s).	Box

BL/SL 5.00 series

BL 5.00/06/180 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 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
1510760000	SL 5.08/06/90B 3.2SN OR BX	PCB plug-in connector, male header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 6, Solder pin length (l): 3.2 mm, tinned, Orange, Box	IEC: 400 V / 18 A UL: 300 V / 15 A	4008190157951	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
1882970000	SLDV-THR 5.00/12/180F 3.2SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487158	50 pc(s).	Box
1895270000	SLDV-THR 5.00/12/180F 1.5SN BK BX	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248509997	50 pc(s).	Box

BL/SL 5.00 series
BL 5.00/06/180 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
1841430000	SL-SMT 5.00/06/180LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248352333	50 pc(s).	Box
1796820000	SL-SMT 5.00/06/180LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248237449	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
1780450000	SL-SMT 5.08/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248165773	50 pc(s).	Box
1775272001	SL-SMT 5.08/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248157259	50 pc(s).	Box

BL/SL 5.00 series BL 5.00/06/180 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
1797970000	SL-SMT 5.00/06/180LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239979	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
1883140000	SLDV-THR 5.00/12/180FLF 3.2SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248487516	50 pc(s).	Box
1895500000	SLDV-THR 5.00/12/180FLF 1.5SN BK BX	PCB plug-in connector, male header, Flange / Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 12, 180°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 15 A UL: 300 V / 10 A	4032248510245	50 pc(s).	Box

BL/SL 5.00 series
BL 5.00/06/180 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
1797270000	SL-SMT 5.00/06/90LF 1.5SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248238057	50 pc(s).	Box
1840390000	SL-SMT 5.00/06/90LF 3.2SN BK BX	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Box	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248351237	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
1775274001	SL-SMT 5.08/06/90LF 1.5 SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248167838	350 pc(s).	Tape

BL/SL 5.00 series
BL 5.00/06/180 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
1797790000	SL-SMT 5.00/06/90LF 1.5SN BK RL	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 1.5 mm, tinned, Tape	IEC: 400 V / 19 A UL: 300 V / 15 A	4032248239795	350 pc(s).	Tape

