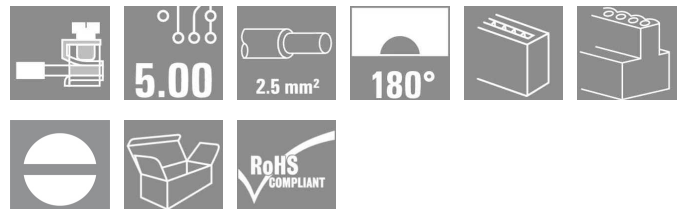


OMNIMATE Signal - series BL/SL 5.00
BL 5.00/03/180 SN BK BX

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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

Type	BL 5.00/03/180 SN BK BX
Order No.	1730710000
Version	PCB plug-in connector, female plug, 5.00 mm, No. of poles: 3, 180°, Pressure clamp connection, Clamping range, rated connection, max.: 2.08 mm ² , Box
GTIN (EAN)	4008190387327
Qty.	100 pc(s).
Product data	IEC: 400 V / 14 A / 0.5 - 1.5 mm ² UL: 300 V / 10 A / AWG 26 - AWG 14
Packaging	Box

Creation date August 29, 2013 10:48:59 AM CEST

OMNIMATE Signal - series BL/SL 5.00

BL 5.00/03/180 SN BK BX

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Technical data

Dimensions and weights

Net weight	4.42 g
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System parameters

Product family	OMNIMATE Signal - series BL/SL 5.00	Wire connection method	Pressure clamp connection
Conductor outlet direction	180°	Pitch in mm (P)	5 mm
Pitch in inches (P)	0.197 inch	No. of poles	3
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	6 mm
L1 in mm	10 mm	L1 in inches	0.394 inch
Touch-safe protection acc. to DIN VDE 0470	IP 00		

Material data

Insulating material	PA	Colour	Black
Colour chart (similar)	RAL 9011	UL 94 flammability rating	V-2
CTI	≥ 600	Contact material	CuSn
Contact surface	tinned		

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		

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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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	UNSPSC	30-21-18-10
eClass 5.1	27-26-07-04	eClass 6.2	27-26-07-04
eClass 7.1	27-44-04-02		

Notes

Notes	• Additional colours on request • Gold-plated contact surfaces on request • Rated current related to rated cross-section & 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 drawing = pitch • Do not tighten screws in inserted condition • 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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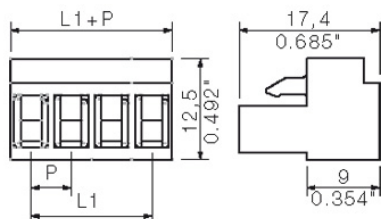
Approvals

Approvals	
ROHS	Conform

OMNIMATE Signal - series BL/SL 5.00
BL 5.00/03/180 SN BK BX

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Drawings



OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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Mating connector (conditionally pluggable)

SL-SMT 5.00/90LF Box



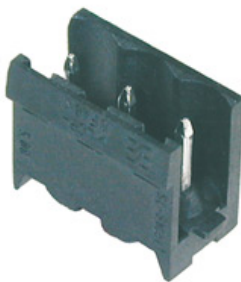
High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.00/03/90LF 3.2SN BK BX	1840360000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248351107	100 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.00/03/90LF 1.5SN BK BX	1797240000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248238026	100 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMART 5.0X/03/180 1.5SN BK RL	1812460000	PCB plug-in connector, male header, open side, Reflow solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape	4032248294046	270 pc(s).	IEC: 400 V / 16.5 A UL: 300 V / 15 A	Tape

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1580870000	PCB plug-in connector, male	4008190008482	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1895470000	PCB plug-in connector,	4032248510214	50 pc(s).	IEC: 400 V / 15 A	Box
5.00/06/180FLF		male header, Flange /			UL: 300 V / 10 A	
1.5SN BK BX		Solder flange, Reflow solder				
		connection, 5.00 mm, No.				
		of poles: 6, 180°, Solder pin				
		length (l): 1.5 mm, tinned,				
		Black, Box				
SLDV-THR	1883110000	PCB plug-in connector,	4032248487387	50 pc(s).	IEC: 400 V / 15 A	Box
5.00/06/180FLF		male header, Flange /			UL: 300 V / 10 A	
3.2SN BK BX		Solder flange, Reflow solder				
		connection, 5.00 mm, No.				
		of poles: 6, 180°, Solder pin				
		length (l): 3.2 mm, tinned,				
		Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1519660000	PCB plug-in connector, male	4008190110024	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/03/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 3,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797940000	PCB plug-in connector,	4032248239948	250 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 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 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1581790000	PCB plug-in connector, male	4008190185169	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/180B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1841400000	PCB plug-in connector,	4032248352302	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/180LF		male header, Solder flange,			UL: 300 V / 15 A	
3.2SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		3.2 mm, tinned, Black, Box				
SL-SMT	1796790000	PCB plug-in connector,	4032248237418	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/180LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK BX		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		180°, Solder pin length (l):				
		1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 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 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1630490000	PCB plug-in connector, male	4008190203917	100 pc(s).	IEC: 400 V / 17 A	Box
5.00/03/135B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.00 mm, No. of poles: 3,				
		135°, Solder pin length (l):				
		3.2 mm, tinned, Orange,				
		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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775244001	PCB plug-in connector,	4032248167791	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5 SN BK RL		Reflow solder connection,				
		5.08 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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Mating connector (conditionally pluggable)

SL 5.08/90B



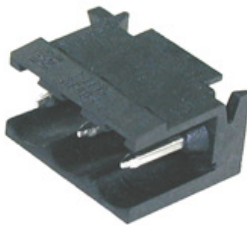
Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1510460000	PCB plug-in connector, male	4008190054892	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/03/90B		header, Dovetails for fixing			UL: 300 V / 15 A	
3.2SN OR BX		blocks, Solder connection,				
		5.08 mm, No. of poles: 3,				
		Solder pin length (l): 3.2				
		mm, tinned, Orange, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMART	1812440000	PCB plug-in connector, male	4032248294022	350 pc(s).	IEC: 400 V / 16.5 A	Tape
5.0X/03/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK RL		solder connection, 5.00				
		mm, No. of poles: 3, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 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. 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR 5.00/06/180F 1.5SN BK BX	1895240000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248509966	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	Box
SLDV-THR 5.00/06/180F 3.2SN BK BX	1882940000	PCB plug-in connector, male header, Flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box	4032248487127	50 pc(s).	IEC: 400 V / 15 A UL: 300 V / 10 A	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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT 5.08/03/90LF 1.5SN BK BX	1775242001	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248157228	100 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box
SL-SMT 5.08/03/90LF 3.2SN BK BX	1780420000	PCB plug-in connector, male header, Solder flange, Reflow solder connection, 5.08 mm, No. of poles: 3,	4032248165742	100 pc(s).	IEC: 400 V / 19 A UL: 300 V / 15 A	Box

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Mating connector (conditionally pluggable)

90°, Solder pin length (l):
3.2 mm, tinned, Black, Box

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797760000	PCB plug-in connector,	4032248239764	350 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/90LF		male header, Solder flange,			UL: 300 V / 15 A	
1.5SN BK RL		Reflow solder connection,				
		5.00 mm, No. of poles: 3,				
		90°, Solder pin length (l):				
		1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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Mating connector (fully pluggable)

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1775014001	PCB plug-in connector, male	4032248167739	350 pc(s).	IEC: 400 V / 19 A	Tape
5.08/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1780190000	PCB plug-in connector, male	4032248165513	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, Box				
SL-SMT	1775012001	PCB plug-in connector, male	4032248156030	100 pc(s).	IEC: 400 V / 19 A	Box
5.08/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00

BL 5.00/03/180 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1571140000	PCB plug-in connector, male	4008190167202	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/90		header, open side, Solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				
SL	1626000000	PCB plug-in connector, male	4008190197308	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/90		header, open side, Solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 4.5 mm, tinned,			UL: 300 V / 15 A	
4.5SN BK BX		Black, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1508160000	PCB plug-in connector, male	4008190028879	100 pc(s).	IEC: 400 V / 18 A	Box
5.08/03/90		header, open side, Solder connection, 5.08 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.00/180 Tape



High-temperature-resistant, straight, open ended male 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797810000	PCB plug-in connector, male	4032248239818	250 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/180		header, open side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1796640000	PCB plug-in connector, male	4032248237265	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1841170000	PCB plug-in connector, male	4032248352067	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/180G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box				

OMNIMATE Signal - series BL/SL 5.00

BL 5.00/03/180 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1614820000	PCB plug-in connector, male	4008190039035	50 pc(s).	IEC: 400 V / 11 A	Box
5.00/06/180G		header, closed side, Solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Orange, Box			UL: 300 V / 10 A	
3.2SN OR BX						

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1894990000	PCB plug-in connector, male	4032248509706	50 pc(s).	IEC: 400 V / 15 A	Box
5.00/06/180G		header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 10 A	
1.5SN BK BX						
SLDV-THR	1882700000	PCB plug-in connector, male	4032248486274	50 pc(s).	IEC: 400 V / 15 A	Box
5.00/06/180G		header, closed side, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 10 A	
3.2SN BK BX						

OMNIMATE Signal - series BL/SL 5.00

BL 5.00/03/180 SN BK BX

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Mating connector (fully pluggable)

SL-SMT 5.00/90 Box



High-temperature-resistant, 90° angled, open male 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1796940000	PCB plug-in connector, male	4032248237722	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/90		header, open side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00				
		mm, No. of poles: 3, 90°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Box				
SL-SMT	1839900000	PCB plug-in connector, male	4032248350544	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/90		header, open side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00				
		mm, No. of poles: 3, 90°,				
		Solder pin length (l): 3.2				
		mm, tinned, Black, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797880000	PCB plug-in connector, male	4032248239887	250 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/180G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5 SN BK RL		solder connection, 5.00				
		mm, No. of poles: 3, 180°,				
		Solder pin length (l): 1.5				
		mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.00

BL 5.00/03/180 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1796490000	PCB plug-in connector, male	4032248237029	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/180		header, open side, Reflow solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box			UL: 300 V / 15 A	
SL-SMT	1840930000	PCB plug-in connector, male	4032248351824	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/180		header, open side, Reflow solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned, Black, Box			UL: 300 V / 15 A	
3.2SN BK BX						

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLDV-THR	1911760000	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin length (l): 1.5 mm, tinned, Black, Box	4032248539918	50 pc(s).	IEC: 400 V / 15 A	Box
5.00/06/180GLF					UL: 300 V / 10 A	
1.5SN BK BX						
SLDV-THR	1911310000	PCB plug-in connector, male header, closed side / solder flange, Reflow solder connection, 5.00 mm, No. of poles: 6, 180°, Solder pin	4032248539406	50 pc(s).	IEC: 400 V / 15 A	Box
5.00/06/180GLF					UL: 300 V / 10 A	
3.2SN BK BX						

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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Mating connector (fully pluggable)

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

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797090000	PCB plug-in connector, male	4032248237876	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK BX		solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Box				
SL-SMT	1840130000	PCB plug-in connector, male	4032248350872	100 pc(s).	IEC: 400 V / 19 A	Box
5.00/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
3.2SN BK BX		solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 3.2 mm, tinned, Black, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797700000	PCB plug-in connector, male	4032248239702	350 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/90G		header, closed side, Reflow			UL: 300 V / 15 A	
1.5SN BK RL		solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape				

OMNIMATE Signal - series BL/SL 5.00 BL 5.00/03/180 SN BK BX

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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 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1581330000	PCB plug-in connector, male	4008190120085	100 pc(s).	IEC: 400 V / 18 A	Box
5.00/03/180		header, open side, Solder connection, 5.00 mm, No. of poles: 3, 180°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				

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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL-SMT	1797630000	PCB plug-in connector, male	4032248239634	350 pc(s).	IEC: 400 V / 19 A	Tape
5.00/03/90		header, open side, Reflow solder connection, 5.00 mm, No. of poles: 3, 90°, Solder pin length (l): 1.5 mm, tinned, Black, Tape			UL: 300 V / 15 A	
1.5SN BK RL						

OMNIMATE Signal - series BL/SL 5.00

BL 5.00/03/180 SN BK BX

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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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SLD	1614360000	PCB plug-in connector, male	4008190029166	50 pc(s).	IEC: 400 V / 11 A	Box
5.00/06/90G		header, closed side, Solder connection, 5.00 mm, No. of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 10 A	
3.2 SN OR BX		Orange, 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

Type	Order No.	Version	GTIN (EAN)	Qty.	Product data	Packaging
SL	1630260000	PCB plug-in connector, male	4008190203689	100 pc(s).	IEC: 400 V / 17 A	Box
5.00/03/135		header, open side, Solder connection, 5.00 mm, No. of poles: 3, 135°, Solder pin length (l): 3.2 mm, tinned,			UL: 300 V / 15 A	
3.2SN OR BX		Orange, Box				

