

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

Weidmüller Interface GmbH & Co. KG
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Female connectors with clamping yoke screw connection for conductor connection with straight (180°) outlet direction. The female connectors provide space for labelling and can be coded. Can be fastened with flange or release latch. They feature an integrated plus/minus screw, protection against false insertion under clamping yoke. They are delivered with an opened clamping yoke.

- 0.2-2.5 mm² (IEC) / 26-12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	1943820000
Part designation	BLZP 5.08/03/180 SN BK BX
Version	PCB plug-in connector, female plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, max.: 4 mm ² , Box
GTIN (EAN)	4032248617845
Qty.	100 pc(s).
Packaging	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Technical data

System parameters

Conductor connection system	Clamping yoke connection	Outgoing direction of conductor	180°
Pitch in mm	5.08 mm	Pitch in inch	0.2 inch
No. of poles	3	No. of rows	1
Screwdriver blade	0.6 x 3.5	Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5	Stripping length	7 mm
L1 in mm	10.16 mm	L1 in inch	0.4 inch
Electric shock protection to DIN VDE 57 106 Safe from finger touch			

Material data

Insulating material	PBT	Colour	black
colour chart	Similar to RAL 9011	Flammability class UL 94	V-0
CTI	≥ 200	Contact material	Copper alloy
Contact surface	tinned	Contact base material	Copper alloy
Highest continuous operating temperature, min.	-25 °C	Highest continuous operating temperature, max.	100 °C

Connectable conductors

Clamping range, min.	0.13 mm ²	Clamping range, max.	4 mm ²
Conductor connection cross-section AWG, min.	AWG 26	Conductor connection cross-section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm ²	Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Flexible, max. H05(07) V-K	4 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²	with wire end ferrule, DIN 46228 pt 1, max.	4 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²	with plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm		

DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	19 A	Rated current, max. No. of poles (Tu=20°C)	15.5 A
Rated current, no. of poles (Tu=40°C), min.	16 A	Rated current, no. of poles (Tu=40°C), max.	13 A
Rated voltage for overvoltage class/pollution severity II/2	400 V	Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage at overvoltage category/pollution degree III/3	250 V	Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV	Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		

CSA rating data

Rated voltage (Use group B)	300 V	Rated current (use group B)	10 A
Rated voltage (Use group C)	50 V	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

UL 1059 rating data

Rated voltage (use group B)	300 V	Rated current (use group B)	10 A
Rated voltage (use group C)	50 V	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

Creation date July 20, 2010 8:11:34 PM CEST

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Approvals institutes	CURUS
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Classifications

eClass 6.0	27-26-07-08
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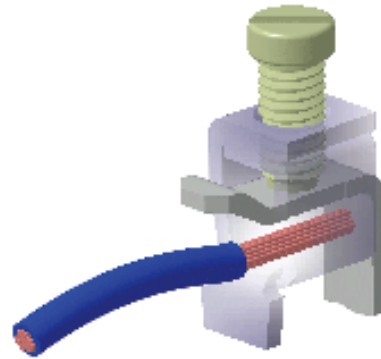
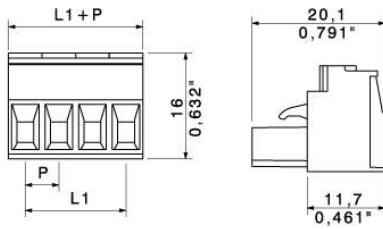
Notes

Notes	<ul style="list-style-type: none">• Additional colours on request• Rated current related to rated cross-section and min. No. of poles.• Wire end ferrule without plastic collar to DIN 46228 pt 1• Wire end ferrule with plastic collar to DIN 46228 pt 4• P on drg. = pitch• Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
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Datasheet

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Drawings

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Counterpart

SLD 5.08/90G



2-tier male connector with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1601800000	SLD 5.08/06/90G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190045876	50 pc(s).	Box

SL-SMT 5.08/180G Box



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1775932001	SL-SMT 5.08/03/180G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248158928	100 pc(s).	Box
1838220000	SL-SMT 5.08/03/180G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348282	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open ended male connector. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1821110000	SL-SMT 5.08/03/180 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248319756	250 pc(s).	Tape

SL 5.08/135



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1603070000	SL 5.08/03/135 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190089412	100 pc(s).	Box

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Counterpart

SL 5.08/180



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1517360000	SL 5.08/03/180 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190057077	100 pc(s).	Box

SLD 5.08/180G



2-tier male connector with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1602400000	SLD 5.08/06/180G 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190076887	50 pc(s).	Box

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Counterpart

SL 5.00/90



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1571140000	SL 5.00/03/90 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190167202	100 pc(s).	Box
1626000000	SL 5.00/03/90 4.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 4.5 mm, tinned, black, Solder connection, Box	4008190197308	100 pc(s).	Box

SL 5.08/90



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1508160000	SL 5.08/03/90 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190028879	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/180G Tape



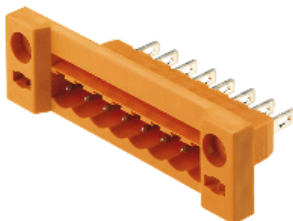
High-temperature-resistant male connector, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1775934001	SL-SMT 5.08/03/180G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248160112	250 pc(s).	Tape

SLDF 5.08



Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1599140000	SLDF 5.08 L/F 3 SN OR	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Clamping range, max.: , Box	4008190077853	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/90 Tape



High-temperature-resistant, 90° angled, open male connector. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1821170000	SL-SMT 5.08/03/90 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248319817	350 pc(s).	Tape

SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open ended male connector. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1837990000	SL-SMT 5.08/03/180 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348053	100 pc(s).	Box
1775572001	SL-SMT 5.08/03/180 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157556	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/90G Box



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1780190000	SL-SMT 5.08/03/90G 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165513	100 pc(s).	Box
1775012001	SL-SMT 5.08/03/90G 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248156030	100 pc(s).	Box

SL-SMT 5.08/90G Tape



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1775014001	SL-SMT 5.08/03/90G 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167739	350 pc(s).	Tape

Datasheet

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BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/90 Box



High-temperature-resistant, 90° angled, open male connector. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1774772001	SL-SMT 5.08/03/90 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248155705	100 pc(s).	Box
1779960000	SL-SMT 5.08/03/90 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165285	100 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZF 5.08/03/180 SN BK BX**

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Counterpart
SLZF 5.08/180FI


Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846520000	SLZF 5.08/03/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4032248362820	100 pc(s).	Box

SL-SMT 5.08/180LF Box


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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1838450000	SL-SMT 5.08/03/180LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248348510	100 pc(s).	Box
1776372001	SL-SMT 5.08/03/180LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248159154	100 pc(s).	Box

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Counterpart

SLZF 5.08/270B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1706150000	SLZF 5.08/03/270B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 270°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4032248198009	100 pc(s).	Box

SLZF 5.08/180B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1710220000	SLZF 5.08/03/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4008190319533	100 pc(s).	Box

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Counterpart

SL 5.08/180B



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1519660000	SL 5.08/03/180B 3.2 SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190110024	100 pc(s).	Box

SLZF 5.08/180F



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846940000	SLZF 5.08/03/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4032248363117	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SLS 5.08/180B



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1627250000	SLS 5.08/03/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4008190199760	100 pc(s).	Box

SLZF 5.08/90B



Male connector with tension clamp connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1673560000	SLZF 5.08/03/90B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 90°, Tension clamp connection, Clamping range, max.: 3.31 mm ² , Box	4008190435271	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/90F Box



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1837640000	SL-SMT 5.08/03/90F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248347452	100 pc(s).	Box

SL-SMaRT 5.0x/90 Tape



High-temperature-resistant male connector for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1812440000	SL-SMaRT 5.0X/03/90 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248294022	350 pc(s).	Tape

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/03/180 SN BK BX**

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Counterpart
SL-SMaRT 5.0x/180 Tape


High-temperature-resistant male connector for side-by-side mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. These male connectors can be labelled and coded.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1812460000	SL-SMaRT 5.0X/03/180 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248294046	270 pc(s).	Tape

SL-SMT 5.08/180LF Tape


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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1776374001	SL-SMT 5.08/03/180LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248163496	250 pc(s).	Tape

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL 5.08/135B



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1605540000	SL 5.08/03/135B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 135°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190097059	100 pc(s).	Box

SLT 5.08B



Male connectors with screw TOP connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

- 0.20 - 2.5 mm² (IEC) / 26 - 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1611720000	SLT 5.08/03/180B SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, TOP connection, Clamping range, max.: 2.5 mm ² , Box	4008190192600	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.08/180F Box



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1820600000	SL-SMT 5.08/03/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248316564	100 pc(s).	Box

SL-SMT 5.08/90LF Tape



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1775244001	SL-SMT 5.08/03/90LF 1.5 SN BK RL	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248167791	350 pc(s).	Tape

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.00/90LF Tape



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1797760000	SL-SMT 5.00/03/90LF 1.5SN BK RL	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Tape	4032248239764	350 pc(s).	Tape

SL 5.08/90B



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1510460000	SL 5.08/03/90B 3.2SN OR BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190054892	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL-SMT 5.00/90LF Box



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1840360000	SL-SMT 5.00/03/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248351107	100 pc(s).	Box
1797240000	SL-SMT 5.00/03/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248238026	100 pc(s).	Box

SLDV-THR 5.08/180F



High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1828780000	SLDV-THR 5.08/06/180F 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335466	50 pc(s).	Box
1828900000	SLDV-THR 5.08/06/180F 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335596	50 pc(s).	Box

**System pitch 5.08 mm (0.200 inch)
BLZP 5.08/03/180 SN BK BX**

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Counterpart
SLDV-THR 5.08/180FLF


High-temperature-resistant, 2-tier, laterally offset male connector with flange or solder flange. 1.5 mm solder pin suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors can be labelled and coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1829140000	SLDV-THR 5.08/06/180FLF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248335831	50 pc(s).	Box
1829020000	SLDV-THR 5.08/06/180FLF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 6, 180°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248335718	50 pc(s).	Box

SL-SMT 5.08/90LF Box


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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1780420000	SL-SMT 5.08/03/90LF 3.2SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, black, Reflow solder connection, Box	4032248165742	100 pc(s).	Box
1775242001	SL-SMT 5.08/03/90LF 1.5SN BK BX	PCB plug-in connector, male header, 5.08 mm, No. of poles: 3, 90°, Solder pin length: 1.5 mm, tinned, black, Reflow solder connection, Box	4032248157228	100 pc(s).	Box

System pitch 5.08 mm (0.200 inch) BLZP 5.08/03/180 SN BK BX

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Counterpart

SL 5.00/90B



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

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1580870000	SL 5.00/03/90B 3.2SN OR BX	PCB plug-in connector, male header, 5 mm, No. of poles: 3, 90°, Solder pin length: 3.2 mm, tinned, Orange, Solder connection, Box	4008190008482	100 pc(s).	Box

SLS 5.08/180F



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846370000	SLS 5.08/03/180F SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4032248362073	100 pc(s).	Box

Datasheet

System pitch 5.08 mm (0.200 inch)
BLZP 5.08/03/180 SN BK BX

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Counterpart

SLS 5.08/180FI



Male connector with screw clamping yoke connection for connecting conductors. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

General ordering data

Order No.	Part designation	Version	GTIN (EAN)	Qty.	Packaging
1846220000	SLS 5.08/03/180FI SN OR BX	PCB plug-in connector, male plug, 5.08 mm, No. of poles: 3, 180°, Clamping yoke connection, Clamping range, max.: 3.31 mm ² , Box	4032248362509	100 pc(s).	Box