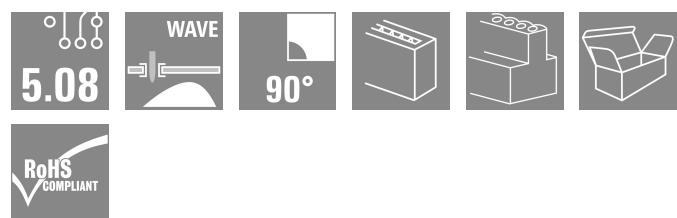
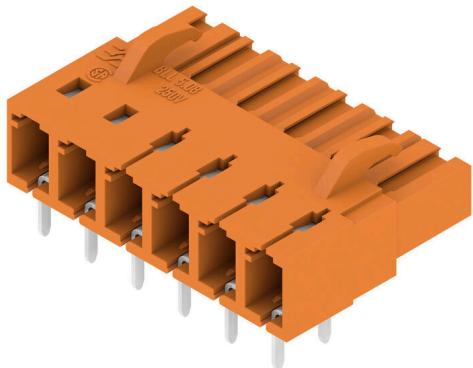


**BLL 5.08/06/90 4.5 SN OR BX**

**Weidmüller Interface GmbH & Co. KG**  
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D-32758 Detmold  
Germany

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**Product image**

Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

**General ordering data**

Version	PCB plug-in connector, female header, closed side, THT solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l): 4.5 mm, tinned, orange, Box
Order No.	<a href="#">1645960000</a>
Type	BLL 5.08/06/90 4.5 SN OR BX
GTIN (EAN)	4008190285302
Qty.	60 items
Product data	IEC: 400 V / 23 A UL: 300 V / 15 A
Packaging	Box

## BLL 5.08/06/90 4.5 SN OR BX

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## Technical data

## Approvals

## Approvals



RoHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693

## Dimensions and weights

Net weight	6.33 g
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## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## System specifications

Product family	OMNIMATE Signal - series BL/SL 5.08	Type of connection	Board connection
Mounting onto the PCB	THT solder connection	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.200 "	Outgoing elbow	90°
Number of poles	6	Number of solder pins per pole	2
Solder pin length (l)	4.5 mm	Solder pin length tolerance	+0.1 / -0.3 mm
Solder pin dimensions	0.4 x 1.00 mm	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)+ 0.1 mm		L1 in mm	25.40 mm
L1 in inches	1.000 "	Number of rows	1
Pin series quantity	1	Touch-safe protection acc. to DIN VDE 57 106	Safe from back-of-hand touch
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged	Protection degree	IP20
Volume resistance	≤5 mΩ	Can be coded	Yes
Plugging cycles	25	Plugging force/pole, max.	5 N
Pulling force/pole, max.	5 N		

## Material data

Insulating material	PBT GF	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	Insulation resistance	108 Ω
Moisture Level (MSL)		UL 94 flammability rating	V-0
Contact material	Copper alloy	Contact surface	tinned
Layer structure of solder connection	4...6 µm Sn hot-dip tinned	Layer structure of plug contact	4...6 µm Sn hot-dip tinned
Storage temperature, min.	-40 °C	Storage temperature, max.	70 °C
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	100 °C

## Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	23 A
Rated current, max. number of poles (Tu=20°C)	16 A	Rated current, min. number of poles (Tu=40°C)	20 A

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## Technical data

Rated current, max. number of poles (Tu=40°C)	14 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 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV	Short-time withstand current resistance	3 x 1s with 120 A

## Rated data acc. to CSA

Institute (CSA)	CSA	Certificate No. (CSA)	200039-1121690
Rated voltage (Use group B / CSA)	300 V	Rated voltage (Use group D / CSA)	300 V
Rated current (Use group B / CSA)	15 A	Rated current (Use group D / CSA)	10 A
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

## Rated data acc. to UL 1059

Institute (UR)	UR	Certificate No. (UR)	E60693
Rated voltage (Use group B / UL 1059)	300 V	Rated voltage (Use group D / UL 1059)	300 V
Rated current (Use group B / UL 1059)	15 A	Rated current (Use group D / UL 1059)	10 A
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

## Packing

Packaging	Box	VPE length	349.00 mm
VPE width	137.00 mm	VPE height	31.00 mm

## Important note

IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	<ul style="list-style-type: none"> <li>Additional variants on request</li> <li>Gold-plated contact surfaces on request</li> <li>Rated current related to rated cross-section &amp; min. No. of poles.</li> <li>P on drawing = pitch</li> <li>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.</li> <li>In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load</li> <li>Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li> </ul>

## Classifications

ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

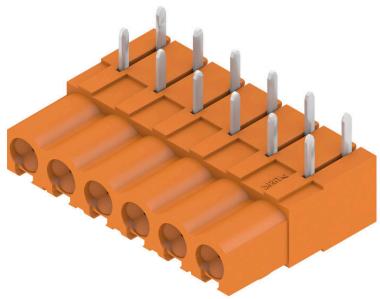
## BLL 5.08/06/90 4.5 SN OR BX

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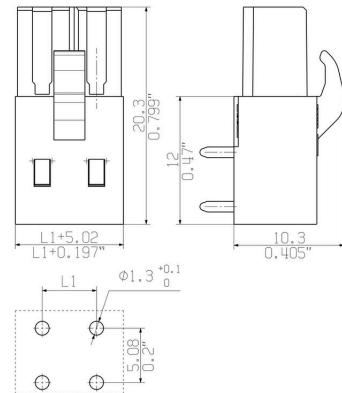
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## Drawings

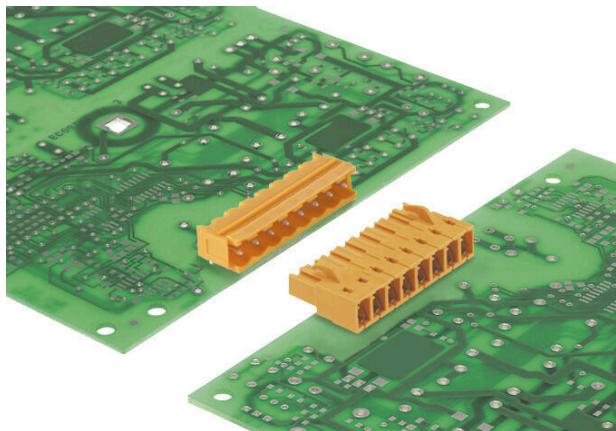
### Product image



### Dimensional drawing



### Example of use



**BLL 5.08/06/90 4.5 SN OR BX**

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## Accessories

### Coding elements



Only connects what is supposed to be connected: the right connection at the right place.

Coding elements and locking devices clearly assign connecting elements during the manufacturing process and operation

The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery.

Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

### General ordering data

Type	BLZ/SL KO BK BX	Version
Order No.	<a href="#">1545710000</a>	PCB plug-in connector, Accessories, Coding element, black, Number
GTIN (EAN)	4008190087142	of poles: 1
Qty.	50 ST	
Type	BLZ/SL KO OR BX	Version
Order No.	<a href="#">1573010000</a>	PCB plug-in connector, Accessories, Coding element, orange, Number
GTIN (EAN)	4008190048396	of poles: 1
Qty.	100 ST	

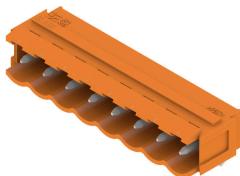
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## Counterpart

## SL 5.00/90B

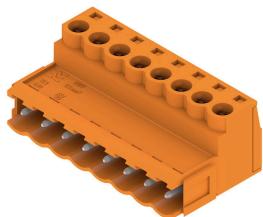


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.00/06/90B 4.5SN BK...	Version
Order No.	<a href="#">1626240000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190197544	solder connection, 5.00 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, black, Box

## SLS 5.08/180B

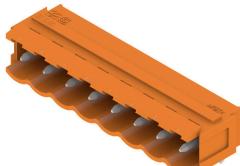


Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLS 5.08/06/180B SN OR ...	Version
Order No.	<a href="#">1627280000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190199791	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	54 ST	Box
Type	SLS 5.08/06/180B SN BK ...	Version
Order No.	<a href="#">1645270000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190284480	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	54 ST	Box

## 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.

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**Counterpart****General ordering data**

Type	SL 5.00/06/90B 3.2SN DK...	Version
Order No.	<a href="#">1647600000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190289430	solder connection, 5.00 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, Signal green, Box

**SLZF 5.08/270B**

Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLZF 5.08/06/270B SN OR...	Version
Order No.	<a href="#">1706180000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248127931	270°, Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	50 ST	Box

**SLZF 5.08/180B**

Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLZF 5.08/06/180B SN OR...	Version
Order No.	<a href="#">1710250000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190319564	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	50 ST	Box
Type	SLZF 5.08/06/180B SN BK...	Version
Order No.	<a href="#">1710480000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190319793	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	50 ST	Box

## BLL 5.08/06/90 4.5 SN OR BX

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## Counterpart

## 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.

## General ordering data

Type	SL 5.08/06/90B 3.2SN GY...	Version
Order No.	<a href="#">1510700000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190287009	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, Pebble grey, Box
Type	SL 5.08/06/90B 3.2SN BK...	Version
Order No.	<a href="#">1510710000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190244385	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08/06/90B 3.2SN OR...	Version
Order No.	<a href="#">1510760000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190157951	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box
Type	SL 5.08/06/90B 4.5SN BK...	Version
Order No.	<a href="#">1515310000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190103453	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, black, Box
Type	SL 5.08/06/90B 4.5SN OR...	Version
Order No.	<a href="#">1515360000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190080570	solder connection, 5.08 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, orange, Box

## 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.

## General ordering data

Type	SL 5.08/06/180B 3.2SN D...	Version
Order No.	<a href="#">1519950000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190291358	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, Signal green, Box

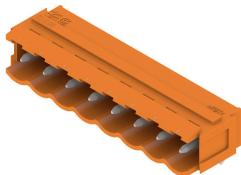
**BLL 5.08/06/90 4.5 SN OR BX**

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**Counterpart**

Type	SL 5.08/06/180B 3.2SN O...	Version
Order No.	<a href="#">1519960000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190011901	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	54 ST	length (l): 3.2 mm, tinned, orange, Box
Type	SL 5.08/06/180B 4.5SN B...	Version
Order No.	<a href="#">1524510000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190142032	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	54 ST	length (l): 4.5 mm, tinned, black, Box
Type	SL 5.08/06/180B 4.5SN O...	Version
Order No.	<a href="#">1524560000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190144203	solder connection, 5.08 mm, Number of poles: 6, 180°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, orange, Box

**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.

**General ordering data**

Type	SL 5.00/06/90B 3.2SN OR...	Version
Order No.	<a href="#">1580900000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190130695	solder connection, 5.00 mm, Number of poles: 6, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

**SL 5.08/135B**

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.

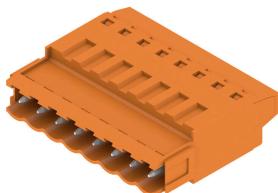
**General ordering data**

Type	SL 5.08/06/135B 3.2SN O...	Version
Order No.	<a href="#">1605570000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190268756	solder connection, 5.08 mm, Number of poles: 6, 135°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box
Type	SL 5.08/06/135B 4.5SN O...	Version
Order No.	<a href="#">1606030000</a>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190050436	solder connection, 5.08 mm, Number of poles: 6, 135°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, orange, Box

**BLL 5.08/06/90 4.5 SN OR BX**

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**Counterpart****SLT 5.08B**

Male plugs with screw TOP wire connection. The male plug provides space for labelling and can be coded.

**General ordering data**

Type	SLT 5.08/06/180B SN OR ...	Version
Order No.	<a href="#">1611750000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190192631	180°, TOP connection, Clamping range, max. : 2.5 mm <sup>2</sup> , Box
Qty.	50 ST	

**SLDV-THR 5.08/180F**

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.

**General ordering data**

Type	SLDV-THR 5.08/12/180F 3...	Version
Order No.	<a href="#">1828810000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335497	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	28 ST	(l): 3.2 mm, tinned, black, Box

**SLDV-THR 5.08/180FLF**

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.

**General ordering data**

Type	SLDV-THR 5.08/12/180FLF...	Version
Order No.	<a href="#">1829050000</a>	PCB plug-in connector, male header, Flange / Solder flange, THT/THR
GTIN (EAN)	4032248335749	solder connection, 5.08 mm, Number of poles: 12, 180°, Solder pin
Qty.	28 ST	length (l): 3.2 mm, tinned, black, Box

## BLL 5.08/06/90 4.5 SN OR BX

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## Counterpart

## SLDV-THR 5.08/180F



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.

## General ordering data

Type	SLDV-THR 5.08/12/180F 1...	Version
Order No.	<a href="#">1828930000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335626	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length (I): 1.5 mm, tinned, black, Box
Qty.	28 ST	

## SL-SMT 5.08/180F Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180F 1...	Version
Order No.	<a href="#">1837340000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248345939	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (I): 1.5 mm, tinned, black, Box
Qty.	42 ST	

## SL-SMT 5.08HC/90F Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90F 3...	Version
Order No.	<a href="#">1837670000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347483	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (I): 3.2 mm, tinned, black, Box
Qty.	42 ST	

**BLL 5.08/06/90 4.5 SN OR BX**

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**Counterpart****SL-SMT 5.08/180LF Box**

High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

Type	SL-SMT 5.08HC/06/180LF ...	Version
Order No.	<a href="#">1838480000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248348541	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	42 ST	3.2 mm, tinned, black, Box

**SL-SMT 5.00HC/90LF Box**

High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

Type	SL-SMT 5.00HC/06/90LF 3...	Version
Order No.	<a href="#">1840390000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248351237	connection, 5.00 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	42 ST	3.2 mm, tinned, black, Box

**SLS 5.08TB KF35**

Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLS 5.08/06/180TB KF SN...	Version
Order No.	<a href="#">1846140000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248362424	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	20 ST	Box

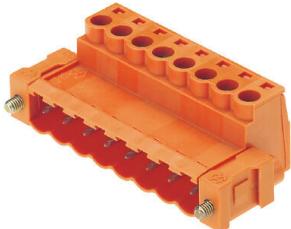
## BLL 5.08/06/90 4.5 SN OR BX

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## Counterpart

## SLS 5.08/180FI



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLS 5.08/06/180FI SN OR...	Version
Order No.	<a href="#">1846250000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248362530	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	42 ST	Box

## SLS 5.08TB RF15

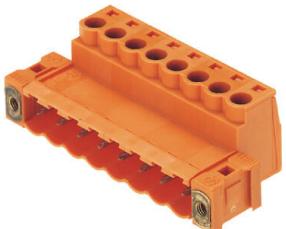


Male plugs with clamping-yoke screw wire-connect system. With clip-on feet for attaching the male plugs on rail. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLS 5.08/06/180TB RF15 ...	Version
Order No.	<a href="#">1846060000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248362349	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	20 ST	Box

## SLS 5.08/180F



Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLS 5.08/06/180F SN OR ...	Version
Order No.	<a href="#">1846400000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248362103	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	42 ST	Box

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## Counterpart

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## SLZF 5.08/180F



Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

## General ordering data

Type	SLZF 5.08/06/180F SN OR...	Version
Order No.	<a href="#">1846980000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4032248363148	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	50 ST	Box

## SL-SMT 5.08/180LF Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180LF ...	Version
Order No.	<a href="#">1776402001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248159185	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	42 ST	1.5 mm, tinned, black, Box

## SL-SMT 5.08HC/90LF Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90LF 1...	Version
Order No.	<a href="#">1775274001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248167838	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## BLL 5.08/06/90 4.5 SN OR BX

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## Counterpart

## SL-SMT 5.08HC/90LF Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90LF 1...	Version
Order No.	<a href="#">1775272001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248157259	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

## SL-SMT 5.00HC/90LF Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.00HC/06/90LF 1...	Version
Order No.	<a href="#">1797790000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248239795	connection, 5.00 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08/180LF Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180LF ...	Version
Order No.	<a href="#">1776404001</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248163625	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

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**Counterpart****SL-SMT 5.08HC/90LF Box**

High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

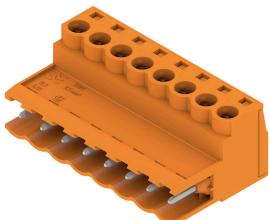
Type	SL-SMT 5.08HC/06/90LF 3...	Version
Order No.	<a href="#">1780450000</a>	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248165773	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	42 ST	3.2 mm, tinned, black, Box

**SL-SMT 5.08/180F Box**

High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

Type	SL-SMT 5.08HC/06/180F 3...	Version
Order No.	<a href="#">1820610000</a>	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248316571	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	42 ST	3.2 mm, tinned, black, Box

**SLS 5.08/180 SN**

Male plugs with clamping-yoke screw wire-connect system. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLS 5.08/06/180 SN OR BX	Version
Order No.	<a href="#">1627130000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190199647	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	60 ST	Box

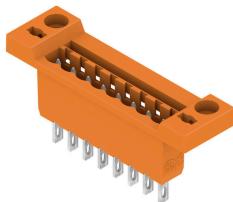
**BLL 5.08/06/90 4.5 SN OR BX**

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**Counterpart****SLS 5.08/180T SN****General ordering data**

Type	SLS 5.08/06/180T SN OR ...	Version
Order No.	<a href="#">1627410000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190199920	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
Qty.	60 ST	Box

**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.

**General ordering data**

Type	SLDF 5.08 L/F 6 SN BK BX	Version
Order No.	<a href="#">1635780000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190264215	180°, Flat-blade connection, Solder connection, Box
Qty.	36 ST	

**SLZF 5.08/90**

Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

**General ordering data**

Type	SLZF 5.08/06/90 SN OR BX	Version
Order No.	<a href="#">1673130000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6, 90°,
GTIN (EAN)	4008190434847	Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> , Box
Qty.	50 ST	

## BLL 5.08/06/90 4.5 SN OR BX

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## SLZF 5.08/180

Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.



## General ordering data

Type	SLZF 5.08/06/180 SN OR ...	Version
Order No.	<a href="#">1709410000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6, 180°, Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
GTIN (EAN)	4008190390174	
Qty.	50 ST	Box
Type	SLZF 5.08/06/180 SN BK ...	Version
Order No.	<a href="#">1709640000</a>	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 6, 180°, Tension-clamp connection, Clamping range, max. : 3.31 mm <sup>2</sup> ,
GTIN (EAN)	4008190318949	
Qty.	50 ST	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.



## General ordering data

Type	SL 5.08/06/90 3.2SN DKG...	Version
Order No.	<a href="#">1508450000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190291778	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, Signal green, Box
Qty.	50 ST	
Type	SL 5.08/06/90 3.2SN OR ...	Version
Order No.	<a href="#">1508460000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190132767	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l): 3.2 mm, tinned, orange, Box
Qty.	50 ST	
Type	SL 5.08/06/90 4.5SN BK ...	Version
Order No.	<a href="#">1513010000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190113698	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l): 4.5 mm, tinned, black, Box
Qty.	50 ST	
Type	SL 5.08/06/90 4.5SN OR ...	Version
Order No.	<a href="#">1513060000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190027599	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l): 4.5 mm, tinned, orange, Box
Qty.	50 ST	

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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 pin headers provide space for labelling and can be coded.

## General ordering data

Type	SL 5.08/06/180 3.2SN DK...	Version
Order No.	<a href="#">1517650000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190073763	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, Signal green, Box
Type	SL 5.08/06/180 3.2SN OR...	Version
Order No.	<a href="#">1517660000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190139445	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 5.08/06/180 4.5SN BK...	Version
Order No.	<a href="#">1522210000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190291563	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box
Type	SL 5.08/06/180 4.5SN OR...	Version
Order No.	<a href="#">1522260000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190062385	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, orange, Box

## 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.

## General ordering data

Type	SL 5.00/06/90 3.2SN OR ...	Version
Order No.	<a href="#">1571170000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190112325	connection, 5.00 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 5.00/06/90 4.5SN BK ...	Version
Order No.	<a href="#">1596180000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190105655	connection, 5.00 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box

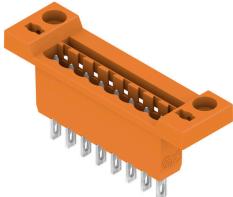
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## Counterpart

## SLDF 5.08

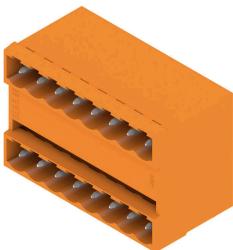


Male connector for through-panel mounting with optional locking function. Internal connection as flat-blade or solder connection. These male connectors provide space for labelling and can be coded.

## General ordering data

Type	SLDF 5.08 L/F 6 SN OR BX	Version
Order No.	<a href="#">1599170000</a>	PCB plug-in connector, male header, 5.08 mm, Number of poles: 6,
GTIN (EAN)	4008190179595	180°, Flat-blade connection, Solder connection, Box
Qty.	36 ST	

## SLD 5.08/90G

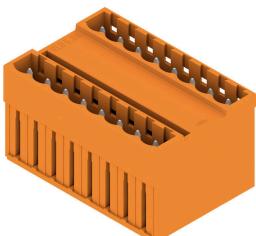


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

## General ordering data

Type	SLD 5.08/12/90G 3.2SN O...	Version
Order No.	<a href="#">1601830000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190158798	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SLD 5.08/12/90G 4.5SN O...	Version
Order No.	<a href="#">1602060000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190124861	connection, 5.08 mm, Number of poles: 12, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, orange, Box

## SLD 5.08/180G



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.

**BLL 5.08/06/90 4.5 SN OR BX**

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**Counterpart****General ordering data**

Type	SLD 5.08/12/180G 3.2SN ...	Version
Order No.	<a href="#">1602430000</a>	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190045692	connection, 5.08 mm, Number of poles: 12, 180°, Solder pin length
Qty.	50 ST	(l): 3.2 mm, tinned, orange, Box

**SL 5.08/135**

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.

**General ordering data**

Type	SL 5.08/06/135 3.2SN OR...	Version
Order No.	<a href="#">1603100000</a>	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190101480	connection, 5.08 mm, Number of poles: 6, 135°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

**SL-SMT 5.08HC/90G Box**

High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

**General ordering data**

Type	SL-SMT 5.08HC/06/90G 3....	Version
Order No.	<a href="#">1780220000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165544	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

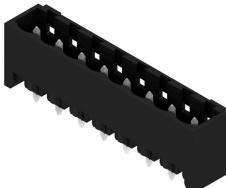
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## Counterpart

## SL-SMT 5.08/180G Box

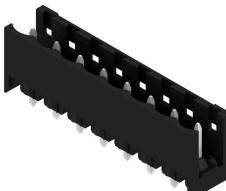


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180G 3...	Version
Order No.	<a href="#">1838250000</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348312	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08/180 Box

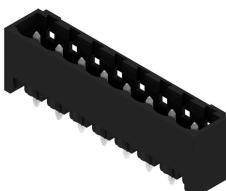


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180 3....	Version
Order No.	<a href="#">1838020000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348084	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

## SL-SMT 5.08/180G Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180G 1...	Version
Order No.	<a href="#">1775962001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248158959	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

## BLL 5.08/06/90 4.5 SN OR BX

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## Counterpart

## SL-SMT 5.08HC/90G Box



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90G 1...	Version
Order No.	<a href="#">1775042001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156108	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

## SL-SMT 5.08/180G Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180G 1...	Version
Order No.	<a href="#">1775964001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248160174	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08HC/90 Box



High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90 1.5...	Version
Order No.	<a href="#">1774802001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248155835	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

## BLL 5.08/06/90 4.5 SN OR BX

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Counterpart

## SL-SMT 5.08HC/90 Tape

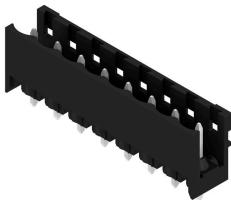


High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90 1.5...	Version
Order No.	<a href="#">1774804001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248167692	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08/180 Box

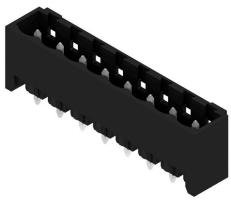


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180 1....	Version
Order No.	<a href="#">1775642001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248157587	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

## SL-SMT 5.08/180G Tape



High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180G 1...	Version
Order No.	<a href="#">1775963001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248167197	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	48 ST	1.5 mm, tinned, black, Tray

## BLL 5.08/06/90 4.5 SN OR BX

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## Counterpart

## SL-SMT 5.08HC/90G Tape

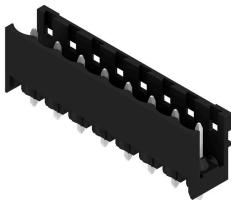


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90G 1....	Version
Order No.	<a href="#">1775044001</a>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248167760	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/180 1....	Version
Order No.	<a href="#">1775644001</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248159628	connection, 5.08 mm, Number of poles: 6, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

## SL-SMT 5.08HC/90 Box



High-temperature-resistant, 90° angled, open male header. Packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

## General ordering data

Type	SL-SMT 5.08HC/06/90 3.2...	Version
Order No.	<a href="#">1779990000</a>	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165315	connection, 5.08 mm, Number of poles: 6, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box