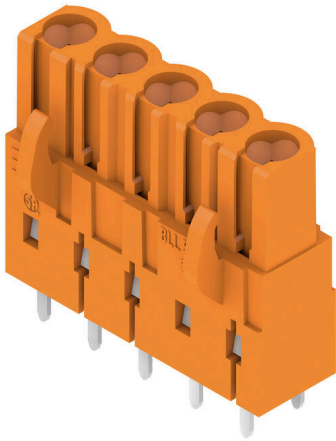


BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Product image


Similar to illustration

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: 5, 180°, Solder pin length (l): 4.5 mm, tinned, black, Box
Order No.	1646280000
Type	BLL 5.08/05/180 4.5 SN BK BX
GTIN (EAN)	4008190285623
Qty.	72 items
Product data	IEC: 400 V / 23 A UL: 300 V / 15 A
Packaging	Box

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Net weight	5.4 g
------------	-------

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	180°
Number of poles	5	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	20.32 mm
L1 in inches	0.800 "	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	black
Colour chart (similar)	RAL 9011	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

BLL 5.08/05/180 4.5 SN BK BX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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	350.00 mm
VPE width	130.00 mm	VPE height	30.00 mm

Important note

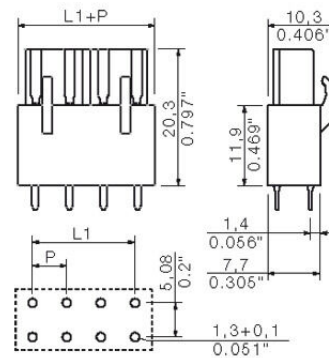
IPC conformity
Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.

- Notes
- Additional variants on request
 - Gold-plated contact surfaces on request
 - Rated current related to rated cross-section & min. No. of poles.
 - P on drawing = 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.
 - 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
 - Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

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		

Dimensional drawing



Example of use



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.	1545710000	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.	1573010000	PCB plug-in connector, Accessories, Coding element, orange, Number
GTIN (EAN)	4008190048396	of poles: 1
Qty.	100 ST	

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

SL 5.00/90B

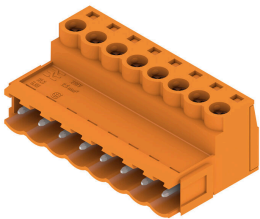


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.00/05/90B 4.5SN BK...	Version	
Order No.	1626230000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT	
GTIN (EAN)	4008190197537	solder connection, 5.00 mm, Number of poles: 5, 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 5.08/05/180B SN OR ...	Version	
Order No.	1627270000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,	
GTIN (EAN)	4008190199784	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,	
Qty.	66 ST	Box	

SLZF 5.08/90B



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

General ordering data

Type	SLZF 5.08/05/90B SN OR ...	Version	
Order No.	1673580000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5, 90°,	
GTIN (EAN)	4008190435295	Tension-clamp connection, Clamping range, max. : 3.31 mm², Box	
Qty.	50 ST		

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

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 5.08/05/270B SN OR...	Version
Order No.	1706170000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4032248198030	270°, Tension-clamp connection, Clamping range, max. : 3.31 mm²,
Qty.	50 ST	Box
Type	SLZF 5.08/05/270B SN BK...	Version
Order No.	1706400000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4032248198047	270°, Tension-clamp connection, Clamping range, max. : 3.31 mm²,
Qty.	50 ST	Box

SLZF 5.08/180B

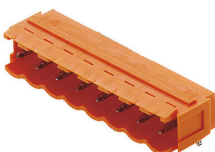


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLZF 5.08/05/180B SN OR...	Version
Order No.	1710240000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190319557	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm²,
Qty.	50 ST	Box

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.

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

General ordering data

Type	SL 5.08/05/90B 3.2SN BK...	Version
Order No.	1510610000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190204051	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08/05/90B 3.2SN DK...	Version
Order No.	1510650000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190292140	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, Signal green, Box
Type	SL 5.08/05/90B 3.2SN OR...	Version
Order No.	1510660000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190121372	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box
Type	SL 5.08/05/90B 4.5SN BK...	Version
Order No.	1515210000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190001117	solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, black, Box
Type	SL 5.08/05/90B 4.5SN OR...	Version
Order No.	1515260000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190054359	solder connection, 5.08 mm, Number of poles: 5, 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 5.08/05/180B 3.2SN D...	Version
Order No.	1519850000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190291341	solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, Signal green, Box
Type	SL 5.08/05/180B 3.2SN O...	Version
Order No.	1519860000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190014094	solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box
Type	SL 5.08/05/180B 4.5SN B...	Version
Order No.	1524410000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190046804	solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, black, Box
Type	SL 5.08/05/180B 4.5SN O...	Version
Order No.	1524460000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190125424	solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Qty.	50 ST	length (l): 4.5 mm, tinned, orange, Box

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

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 5.00/05/90B 3.2SN OR...	Version
Order No.	1580890000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190042578	solder connection, 5.00 mm, Number of poles: 5, 90°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

SL 5.08/135B

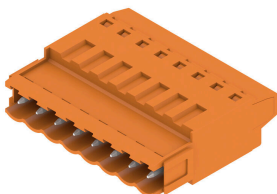


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/05/135B 3.2SN O...	Version
Order No.	1605560000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190089948	solder connection, 5.08 mm, Number of poles: 5, 135°, Solder pin
Qty.	50 ST	length (l): 3.2 mm, tinned, orange, Box

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 5.08/05/180B SN OR ...	Version
Order No.	1611740000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190192624	180°, TOP connection, Clamping range, max.: 2.5 mm², Box
Qty.	50 ST	

BLL 5.08/05/180 4.5 SN BK BX

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

Counterpart

www.weidmueller.com

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 5.08/10/180F 1...	Version
Order No.	1828920000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335619	connection, 5.08 mm, Number of poles: 10, 180°, Solder pin length
Qty.	32 ST	(l): 1.5 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 5.08/10/180FLF...	Version
Order No.	1829040000	PCB plug-in connector, male header, Flange / Solder flange, THT/THR
GTIN (EAN)	4032248335732	solder connection, 5.08 mm, Number of poles: 10, 180°, Solder pin
Qty.	32 ST	length (l): 3.2 mm, tinned, black, Box

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 5.08/10/180F 3...	Version
Order No.	1828800000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248335480	connection, 5.08 mm, Number of poles: 10, 180°, Solder pin length
Qty.	32 ST	(l): 3.2 mm, tinned, black, Box

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

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/05/90F 3...	Version
Order No.	1837660000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347476	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	48 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/05/180F 1...	Version
Order No.	1837330000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248345922	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	48 ST	1.5 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/05/90LF 3...	Version
Order No.	1840380000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248351220	connection, 5.00 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	48 ST	3.2 mm, tinned, black, Box

BLL 5.08/05/180 4.5 SN BK BX

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

Counterpart

www.weidmueller.com

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/05/180LF ...	Version
Order No.	1838470000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248348534	3.2 mm, tinned, black, Box
Qty.	48 ST	

SLZF 5.08/180F

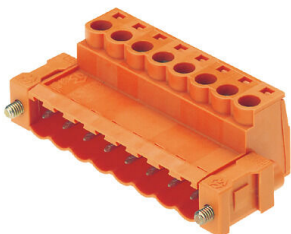


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLZF 5.08/05/180F SN OR...	Version
Order No.	1846970000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4032248363131	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm ² ,
Qty.	50 ST	Box

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 5.08/05/180FI SN OR...	Version
Order No.	1846240000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4032248362523	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	48 ST	Box

BLL 5.08/05/180 4.5 SN BK BX

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

Counterpart

www.weidmueller.com

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 5.08/05/180F SN OR ...	Version
Order No.	1846390000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4032248362097	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	48 ST	Box

SL-SMT 5.08HC/90LF Box

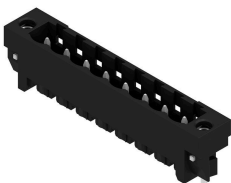


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/05/90LF 1...	Version
Order No.	1775262001	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248157242	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	48 ST	1.5 mm, tinned, black, Box

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/05/180LF ...	Version
Order No.	1776394001	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248163618	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

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/05/90LF 1...	Version
Order No.	1775264001	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
GTIN (EAN)	4032248167814	1.5 mm, tinned, black, Tape
Qty.	350 ST	

SL-SMT 5.00HC/90LF Tape

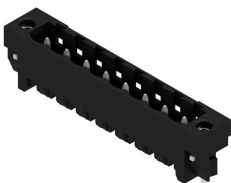


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.00HC/05/90LF 1...	Version
Order No.	1797780000	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.00 mm, Number of poles: 5, 90°, Solder pin length (l):
GTIN (EAN)	4032248239788	1.5 mm, tinned, black, Tape
Qty.	350 ST	

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/05/180LF ...	Version
Order No.	1776392001	PCB plug-in connector, male header, Solder flange, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248159178	1.5 mm, tinned, black, Box
Qty.	48 ST	

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart**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/05/90LF 1...	Version
Order No.	1797260000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248238040	connection, 5.00 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

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/05/90LF 3...	Version
Order No.	1780440000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248165766	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	48 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/05/180F 3...	Version
Order No.	1820770000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248317639	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	48 ST	3.2 mm, tinned, black, Box

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

SL 5.00/90

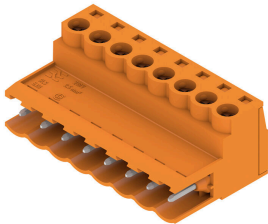


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.00/05/90 4.5SN BK ...	Version
Order No.	1626020000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190197322	connection, 5.00 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	4.5 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 5.08/05/180 SN OR BX	Version
Order No.	1627120000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190199630	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	72 ST	Box

SLS 5.08/180T SN

General ordering data

Type	SLS 5.08/05/180T SN OR ...	Version
Order No.	1627400000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190199913	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	72 ST	Box

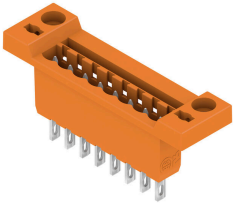
BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

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 5 SN BK BX	Version	
Order No.	1635770000	PCB plug-in connector, male header, 5.08 mm, Number of poles: 5,	
GTIN (EAN)	4008190264208	180°, Flat-blade connection, Solder connection, Box	
Qty.	36 ST		

SLZF 5.08/90

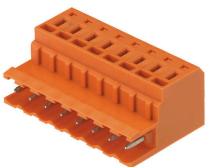


Male plugs with tension-clamp wire connection. The male plugs provide space for labelling and can be coded.

General ordering data

Type	SLZF 5.08/05/90 SN OR BX	Version	
Order No.	1673120000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5, 90°,	
GTIN (EAN)	4008190434830	Tension-clamp connection, Clamping range, max. : 3.31 mm ² , Box	
Qty.	50 ST		

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 5.08/05/180 SN OR ...	Version	
Order No.	1709400000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,	
GTIN (EAN)	4008190390167	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm ² ,	
Qty.	50 ST	Box	

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

Type	SLZF 5.08/05/180 SN BK ...	Version
Order No.	1709630000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190318932	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm²,
Qty.	50 ST	Box

SL 5.08/90

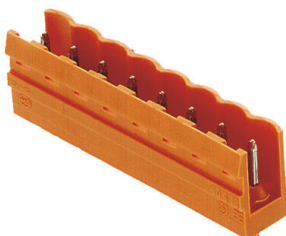


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/05/90 3.2SN DKG...	Version
Order No.	1508350000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190008383	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, Signal green, Box
Type	SL 5.08/05/90 3.2SN OR ...	Version
Order No.	1508360000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190131241	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 5.08/05/90 4.5SN BK ...	Version
Order No.	1512910000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190292508	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box
Type	SL 5.08/05/90 4.5SN OR ...	Version
Order No.	1512960000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190110222	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, orange, Box

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 5.08/05/180 3.2SN DK...	Version
Order No.	1517550000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190131487	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, Signal green, Box

BLL 5.08/05/180 4.5 SN BK BX

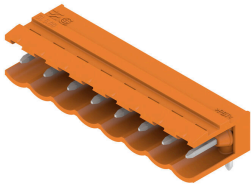
Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Counterpart

Type	SL 5.08/05/180 3.2SN OR...	Version
Order No.	1517560000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190145170	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Type	SL 5.08/05/180 4.5SN BK...	Version
Order No.	1522110000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190291556	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, black, Box
Type	SL 5.08/05/180 4.5SN OR...	Version
Order No.	1522160000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190047344	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	4.5 mm, tinned, orange, Box

SL 5.00/90

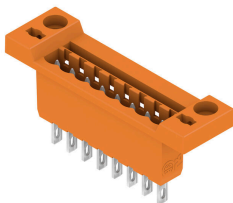


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.00/05/90 3.2SN OR ...	Version
Order No.	1571160000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190128463	connection, 5.00 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, 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 5 SN OR BX	Version
Order No.	1599160000	PCB plug-in connector, male header, 5.08 mm, Number of poles: 5,
GTIN (EAN)	4008190079970	180°, Flat-blade connection, Solder connection, Box
Qty.	36 ST	

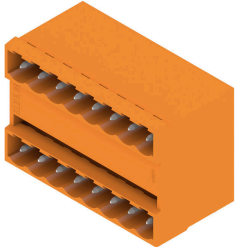
BLL 5.08/05/180 4.5 SN BK BX

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

Counterpart

www.weidmueller.com

SLD 5.08/90G

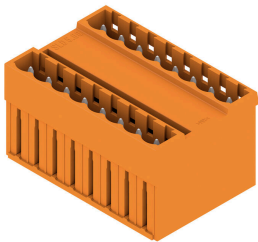


2-tier male header with parallel pin arrangement. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SLD 5.08/10/90G 3.2SN O...	Version
Order No.	1601820000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190091026	connection, 5.08 mm, Number of poles: 10, 90°, Solder pin length (l):
Qty.	50 ST	3.2 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.

General ordering data

Type	SLD 5.08/10/180G 3.2SN ...	Version
Order No.	1602420000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190077129	connection, 5.08 mm, Number of poles: 10, 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 5.08/05/135 3.2SN OR...	Version
Order No.	1603090000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190013912	connection, 5.08 mm, Number of poles: 5, 135°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, orange, Box

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08/180 Box

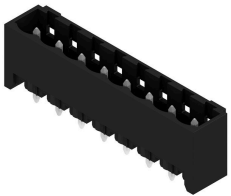


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/05/180 3...	Version
Order No.	1838010000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348077	connection, 5.08 mm, Number of poles: 5, 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/05/180G 3...	Version
Order No.	1838240000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348305	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, 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/05/90G 3...	Version
Order No.	1780210000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165537	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box

BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08/180G Tape

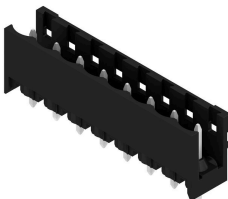


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/05/180G 1...	Version
Order No.	1775954001	PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248160143	
Qty.	250 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/05/180 1....	Version
Order No.	1775632001	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
GTIN (EAN)	4032248157570	
Qty.	50 ST	1.5 mm, tinned, black, Box

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/05/90 1.5...	Version
Order No.	1774792001	PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
GTIN (EAN)	4032248155828	
Qty.	50 ST	1.5 mm, tinned, black, Box

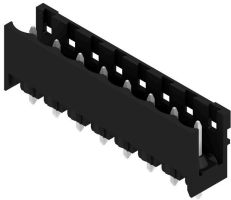
BLL 5.08/05/180 4.5 SN BK BX

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

www.weidmueller.com

Counterpart

SL-SMT 5.08/180 Tape

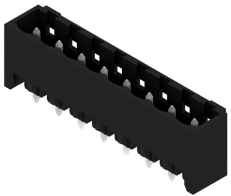


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/05/180 1...	Version
Order No.	1775634001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248 159611	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	250 ST	1.5 mm, tinned, black, Tape

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/05/180G 1...	Version
Order No.	1775952001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248 158942	connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, 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/05/90G 1...	Version
Order No.	1775032001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248 156092	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	1.5 mm, tinned, black, Box

BLL 5.08/05/180 4.5 SN BK BX

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

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/05/90 1.5...	Version
Order No.	1774794001	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248167685	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	350 ST	1.5 mm, tinned, black, Tape

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/05/90G 1....	Version
Order No.	1775034001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248167753	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	350 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/05/90 3.2...	Version
Order No.	1779980000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165308	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (l):
Qty.	50 ST	3.2 mm, tinned, black, Box