

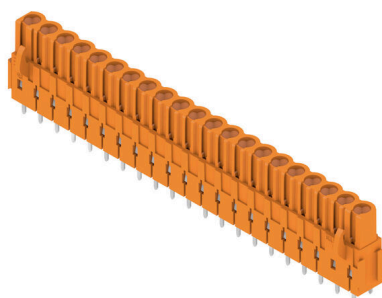
BLL 5.08/21/180B 3.2SN OR BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length (l): 3.2 mm, tinned, orange, Box
Order No.	1682920000
Type	BLL 5.08/21/180B 3.2SN OR BX
GTIN (EAN)	4008190474683
Qty.	12 items
Product data	IEC: 400 V / 23 A UL: 300 V / 15 A
Packaging	Box

BLL 5.08/21/180B 3.2SN OR BX

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

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Technical data

Approvals

Approvals



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

Dimensions and weights

Net weight	32.92 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	180°
Number of poles	21	Number of solder pins per pole	2
Solder pin length (l)	3.2 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	101.60 mm
L1 in inches	4.000 "	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	IIla
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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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	1.00 mm
VPE width	1.00 mm	VPE height	1.00 mm

Important note

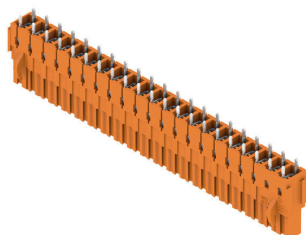
IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.		
Notes	<ul style="list-style-type: none"> • 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

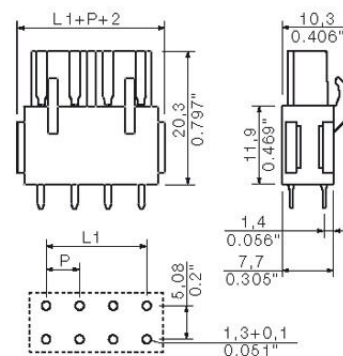
ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

Drawings

Product image



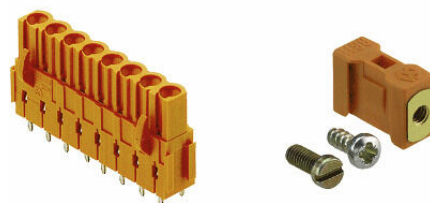
Dimensional drawing



Example of use



Example of use



BLL 5.08/21/180B 3.2SN OR BX

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Accessories

Blocks for PCB mounting



Minor component, major effect:

Clip-on attachment elements increase the mechanical resilience of the whole plug connection by

- securing the male connectors to the circuit board
- providing a vibration-proof connection between the sockets and the male connectors

Clip-on or pre-assembled - always the right solution:

- Hard-wearing, precise fitting dovetail joint
- Hard-wearing metal threaded inserts
- Suitable for all outlet directions

Maximum stability, minimum effort:

- Extremely resilient for frequent fastening operations
- Complete set for easy selection

The result: soldering points, contacts and overall module are more resilient against mechanical stress such as vibrations and tensile loads.

General ordering data

Type	SLA BB 12R SW	Version
Order No.	1626880000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190198213	of poles: 0
Qty.	100 ST	
Type	SLA BB 11R SW	Version
Order No.	1692340000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190864965	of poles: 0
Qty.	20 ST	
Type	SLA BB 1R OR	Version
Order No.	1723430000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190365981	of poles: 0
Qty.	20 ST	
Type	SLA BB 2R OR	Version
Order No.	1723440000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190365998	of poles: 0
Qty.	20 ST	
Type	SLA BB 5R OR	Version
Order No.	1723460000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190366018	of poles: 0
Qty.	20 ST	
Type	SLA BB 6R OR	Version
Order No.	1723470000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190366025	of poles: 0
Qty.	20 ST	
Type	SLA BB 1R SW	Version
Order No.	1723480000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366032	of poles: 0
Qty.	20 ST	
Type	SLA BB 2R SW	Version
Order No.	1723490000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366049	of poles: 0
Qty.	20 ST	
Type	SLA BB 5R SW	Version
Order No.	1723510000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366063	of poles: 0
Qty.	20 ST	

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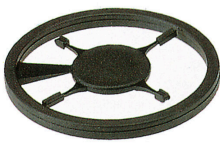
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Accessories

Type	SLA BB6R SW	Version
Order No.	1723520000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366070	of poles: 0
Qty.	20 ST	

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	

Blocks for PCB mounting



Minor component, major effect:

Clip-on attachment elements increase the mechanical resilience of the whole plug connection by

- securing the male connectors to the circuit board
- providing a vibration-proof connection between the sockets and the male connectors

Clip-on or pre-assembled - always the right solution:

- Hard-wearing, precise fitting dovetail joint
- Hard-wearing metal threaded inserts
- Suitable for all outlet directions

Maximum stability, minimum effort:

- Extremely resilient for frequent fastening operations
- Complete set for easy selection

The result: soldering points, contacts and overall module are more resilient against mechanical stress such as vibrations and tensile loads.

General ordering data

Type	SLA BB12R OR	Version
Order No.	1593450000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190122164	of poles: 0
Qty.	100 ST	

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Accessories

Type	SLA BB11R OR	Version
Order No.	1604120000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4008190182977	of poles: 0
Qty.	20 ST	

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Counterpart

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 5.08/21/135 3.2SN OR...	Version
Order No.	1603250000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190112844	connection, 5.08 mm, Number of poles: 21, 135°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, orange, Box

SL 5.08/135B

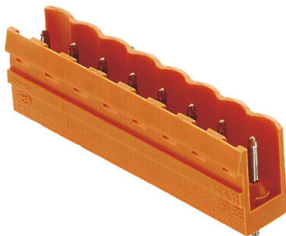


Male connectors with 135° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/21/135B 3.2SN O...	Version
Order No.	1605720000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190053932	solder connection, 5.08 mm, Number of poles: 21, 135°, Solder pin
Qty.	20 ST	length (l): 3.2 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 5.08/21/180 3.2SN OR...	Version
Order No.	1519160000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190098407	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, orange, Box

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Counterpart

SL 5.08/180B

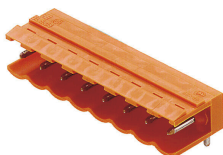


Male connectors with straight outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/21/180B 3.2SN O...	Version
Order No.	1521460000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190080457	solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

SL 5.08/90

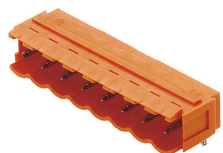


Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The pin headers provide space for labelling and can be coded.

General ordering data

Type	SL 5.08/21/90 3.2SN OR ...	Version
Order No.	1509960000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190010591	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, 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.

General ordering data

Type	SL 5.08/21/90B 3.2SN OR...	Version
Order No.	1512260000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190179861	solder connection, 5.08 mm, Number of poles: 21, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

BLL 5.08/21/180B 3.2SN OR BX

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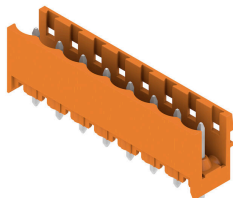
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Counterpart

SL 5.08HC/180

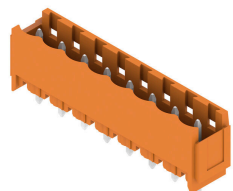


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

Type	SL 5.08HC/21/180 3.2SN ...	Version
Order No.	1148530000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248935109	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/180 3.2SN ...	Version
Order No.	1146680000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248932764	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, orange, Box

SL 5.08HC/180B



Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

Type	SL 5.08HC/21/180B 3.2SN...	Version
Order No.	1150010000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248106226	solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin
Qty.	20 ST	length (I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/180B 3.2SN...	Version
Order No.	1147930000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248934010	solder connection, 5.08 mm, Number of poles: 21, 180°, Solder pin
Qty.	20 ST	length (I): 3.2 mm, tinned, orange, Box

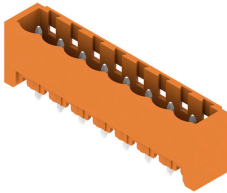
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Counterpart

SL 5.08HC/180G

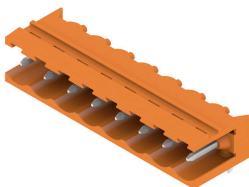


Pin headers in glass-fibre-reinforced plastic with straight wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

Type	SL 5.08HC/21/180G 3.2SN...	Version
Order No.	1149270000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248935024	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/180G 3.2SN...	Version
Order No.	1147180000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4032248933877	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(I): 3.2 mm, tinned, orange, Box

SL 5.08HC/90



Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

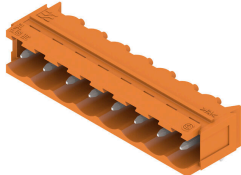
General ordering data

Type	SL 5.08HC/21/90 3.2SN B...	Version
Order No.	1155280000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118050622	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/90 3.2SN O...	Version
Order No.	1147150000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4050118051315	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, orange, Box

BLL 5.08/21/180B 3.2SN OR BX

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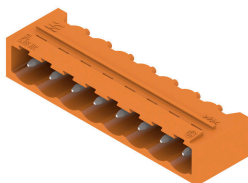
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Counterpart**SL 5.08HC/90B**

Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

Type	SL 5.08HC/21/90B 3.2SN ...	Version
Order No.	1155790000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118049961	solder connection, 5.08 mm, Number of poles: 21, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/90B 3.2SN ...	Version
Order No.	1154980000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4050118050851	solder connection, 5.08 mm, Number of poles: 21, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box

SL 5.08HC/90G

Pin headers made from glass-fibre-reinforced plastic with 90° wire outlet; optimised for wave soldering. The flange variant (F) can be screwed onto the respective counter piece or the circuit board. There is no need for an extra screw to connect the circuit board when the solder flange (LF) version is used. This also protects the solder points from mechanical strain. All pin headers can be manually coded or ordered pre-coded. HC = High Current.

General ordering data

Type	SL 5.08HC/21/90G 3.2SN ...	Version
Order No.	1155530000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4050118050394	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, black, Box
Type	SL 5.08HC/21/90G 3.2SN ...	Version
Order No.	1147910000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4050118051087	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

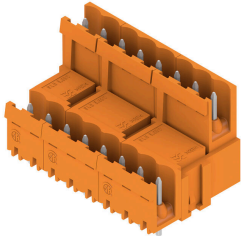
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Counterpart

SLDV 5.08/180

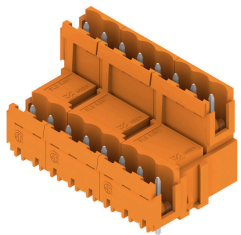


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/42/180 3.2SN ...	Version
Order No.	1725840000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248062133	connection, 5.08 mm, Number of poles: 42, 180°, Solder pin length
Qty.	10 ST	(I): 3.2 mm, tinned, orange, Box

SLDV 5.08/180B

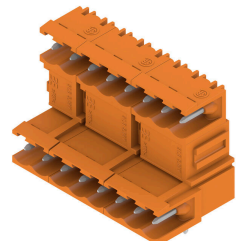


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/42/180B 3.2SN...	Version
Order No.	1726930000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248062829	solder connection, 5.08 mm, Number of poles: 42, 180°, Solder pin
Qty.	10 ST	length (I): 3.2 mm, tinned, orange, Box

SLDV 5.08/90



Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/42/90 3.2 SN ...	Version
Order No.	1725360000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4032248060764	connection, 5.08 mm, Number of poles: 42, 90°, Solder pin length (I):
Qty.	10 ST	3.2 mm, tinned, orange, Box

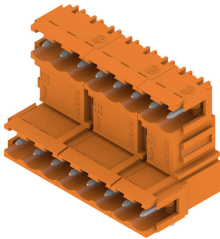
BLL 5.08/21/180B 3.2SN OR BX

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

www.weidmueller.com

Counterpart

SLDV 5.08/90B

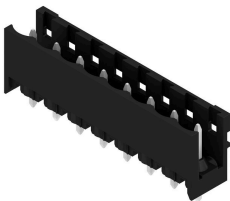


Pin headers with solder pin length optimised for wave flow soldering. The male connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SLD 5.08V/42/90B 3.2 SN...	Version
Order No.	1726470000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4032248061440	solder connection, 5.08 mm, Number of poles: 42, 90°, Solder pin
Qty.	10 ST	length (l): 3.2 mm, tinned, orange, Box

SL-SMT 5.08/180 Box

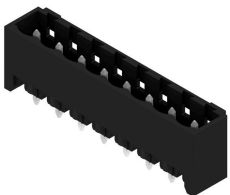


High-temperature-resistant, straight, open pin header. Packed in box or tape. On tape and with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/21/180 3....	Version
Order No.	1838170000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348237	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(l): 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/21/180G 3...	Version
Order No.	1838400000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348466	connection, 5.08 mm, Number of poles: 21, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, black, Box

BLL 5.08/21/180B 3.2SN OR BX

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 Germany

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Counterpart

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/21/90 3.2...	Version
Order No.	1780140000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165469	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, black, Box

SL-SMT 5.08HC/90G Box

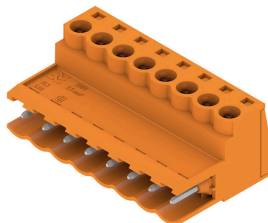


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/21/90G 3....	Version
Order No.	1780370000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165698	connection, 5.08 mm, Number of poles: 21, 90°, Solder pin length (l):
Qty.	20 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.

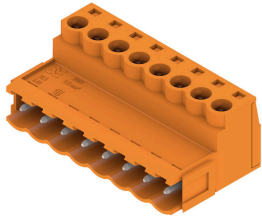
General ordering data

Type	SLS 5.08/21/180 SN OR BX	Version
Order No.	1644880000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 21,
GTIN (EAN)	4008190284091	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	12 ST	Box

BLL 5.08/21/180B 3.2SN OR BX

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Counterpart**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 5.08/21/180B SN OR ...	Version
Order No.	1645190000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 21,
GTIN (EAN)	4008190284404	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm²,
Qty.	12 ST	Box