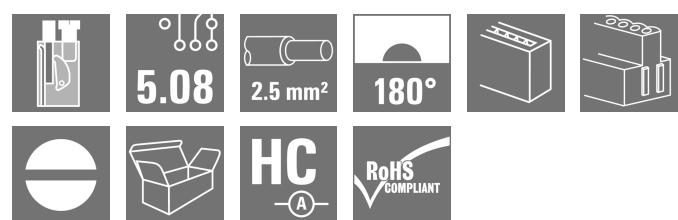


BLT 5.08HC/18/180B SN OR BX

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

www.weidmueller.com

Product image

Female plugs with TOP screw connection system for connecting wires with straight 180° outlet direction. The female connectors provide space for labelling and can be coded. HC = High Current.

General ordering data

Version	PCB plug-in connector, female plug, 5.08 mm, Number of poles: 18, 180°, TOP connection, Clamping range, max. : 2.5 mm ² , Box
Order No.	1503460000
Type	BLT 5.08HC/18/180B SN OR BX
GTIN (EAN)	4008190181215
Qty.	18 items
Product data	IEC: 400 V / 27 A / 0.2 - 2.5 mm ² UL: 300 V / 17 A / AWG 26 - AWG 14
Packaging	Box

BLT 5.08HC/18/180B SN OR BX

Weidmüller Interface GmbH & Co. KG
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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	31.8 mm	Depth (inches)	1.252 inch
Height	12.2 mm	Height (inches)	0.4803 inch
Width	93.46 mm	Width (inches)	3.6795 inch
Net weight	48.65 g		

Environmental Product Compliance

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

System Parameters

Product family	OMNIMATE Signal - series BL/SL 5.08		
Type of connection	Field connection		
Wire connection method	TOP connection		
Pitch in mm (P)	5.08 mm		
Pitch in inches (P)	0.200 "		
Conductor outlet direction	180°		
Number of poles	18		
L1 in mm	86.36 mm		
L1 in inches	3.400 "		
Number of rows	1		
Pin series quantity	1		
Rated cross-section	2.5 mm ²		
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch		
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged/ IP10 unplugged		
Protection degree	IP20		
Volume resistance	≤5 mΩ		
Can be coded	Yes		
Stripping length	13 mm		
Clamping screw	M 2.5		
Screwdriver blade	0.6 x 3.5		
Screwdriver blade standard	DIN 5264		
Plugging cycles	25		
Plugging force/pole, max.	8 N		
Pulling force/pole, max.	7 N		
Tightening torque	Torque type	Wire connection	
	Usage information	Tightening torque	min. 0.4 Nm
			max. 0.5 Nm

BLT 5.08HC/18/180B SN OR BX

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Technical data

Material data

Insulating material	PBT	Colour	orange
Colour chart (similar)	RAL 2000	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 200	Moisture Level (MSL)	
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Contact surface	tinned	Layer structure of plug contact	4...8 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

Conductors suitable for connection

Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 28
Wire connection cross section AWG, max.	AWG 14
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	2.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, 0.2 mm ² min.	
w. plastic collar ferrule, DIN 46228 pt 4, 1.5 mm ² max.	
w. wire end ferrule, DIN 46228 pt 1, min.	0.2 mm ²
w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
Plug gauge in accordance with EN 60999 a x b; ø	2.4 mm x 1.5 mm ; 2.4 mm

Clampable conductor	Cross-section for conductor connection	Type	fine-wired
	nominal	0.5 mm ²	
	wire end ferrule	Stripping length	nominal 14 mm
		Recommended wire-end ferrule	H0,5/18 OR
	Cross-section for conductor connection	Type	fine-wired
	nominal	1 mm ²	
	wire end ferrule	Stripping length	nominal 15 mm
		Recommended wire-end ferrule	H1,0/18 GE
	Cross-section for conductor connection	Type	fine-wired
	nominal	1.5 mm ²	
	wire end ferrule	Stripping length	nominal 15 mm
		Recommended wire-end ferrule	H1,5/18D SW
		Stripping length	nominal 12 mm
		Recommended wire-end ferrule	H1,5/12

Reference text	The outside diameter of the plastic collar should not be larger than the pitch (P), Length of ferrules is to be chosen depending on the product and the rated voltage.
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Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. number of poles (Tu=20°C)	27 A
Rated current, max. number of poles (Tu=20°C)	19 A	Rated current, min. number of poles (Tu=40°C)	24 A

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Technical data

Rated current, max. number of poles (Tu=40°C)	16 A	Rated voltage for surge voltage class / pollution degree II/2	400 V
Rated voltage for surge voltage class / pollution degree III/2	320 V	Rated voltage for surge voltage class / pollution degree III/3	250 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV	Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV
Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV	Short-time withstand current resistance	3 x 1s with 100 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)	15 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 14
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Rated data acc. to UL 1059

Institute (cURus)	CURUS	Certificate No. (cURus)	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)	17 A	Rated current (Use group D / UL 1059)	10 A
Wire cross-section, AWG, min.	AWG 26	Wire cross-section, AWG, max.	AWG 14
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Packing

Packaging	Box	VPE length	352.00 mm
VPE width	138.00 mm	VPE height	38.00 mm

Type tests

Test: Durability of markings	Standard	DIN EN 61984 section 7.3.2 / 09.02 taking pattern from DIN EN 60068-2-70 / 07.96
	Test	mark of origin, type of material, date clock
	Evaluation	available
	Test	durability
	Evaluation	passed
Test: Misengagement (Non-interchangeability)	Standard	DIN EN 61984 section 6.3 and 6.9.1 / 09.02, DIN EN 60512-13-5 / 11.06
	Test	180° turned with coding elements
	Evaluation	passed
	Test	visual examination
	Evaluation	passed
Test: Clampable cross section	Standard	DIN EN 60999-1 section 7 and 9.1 / 12.00, DIN EN 60947-1 section 8.2.4.5.1 / 12.02
	Conductor type	Type of conductor and conductor cross-section
		solid 0.08 mm ²
		stranded 0.08 mm ²
		Type of conductor and conductor cross-section
		solid 2.5 mm ²

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Technical data

Test for damage to and accidental loosening of conductors	Type of conductor and conductor cross-section	stranded 2.5 mm ²
	Type of conductor and conductor cross-section	AWG 26/1
	Type of conductor and conductor cross-section	AWG 26/19
	Type of conductor and conductor cross-section	AWG 14/1
	Type of conductor and conductor cross-section	AWG 14/19
	Evaluation	passed
	Standard	DIN EN 60999-1 section 9.4 / 12.00
	Requirement	0.2 kg
	Conductor type	Type of conductor and conductor cross-section
		AWG 28/1
Pull-out test	Type of conductor and conductor cross-section	AWG 26/19
	Evaluation	passed
	Requirement	0.3 kg
	Conductor type	Type of conductor and conductor cross-section
		solid 0.5 mm ²
	Type of conductor and conductor cross-section	stranded 0.5 mm ²
	Evaluation	passed
	Requirement	0.7 kg
	Conductor type	Type of conductor and conductor cross-section
		solid 2.5 mm ²
Pull-out test	Type of conductor and conductor cross-section	stranded 2.5 mm ²
	Evaluation	passed
	Requirement	AWG 14/1
	Conductor type	Type of conductor and conductor cross-section
		AWG 14/19
	Evaluation	passed
	Requirement	Conductor type
		Type of conductor and conductor cross-section
	Evaluation	passed
	Requirement	Conductor type
Pull-out test		Type of conductor and conductor cross-section
	Evaluation	passed
	Requirement	Conductor type
		Type of conductor and conductor cross-section
	Evaluation	passed
	Requirement	Conductor type
		Type of conductor and conductor cross-section
	Evaluation	passed
	Requirement	Conductor type
		Type of conductor and conductor cross-section

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Technical data

	Type of conductor and conductor cross-section	stranded 0.5 mm ²
Evaluation	passed	
Requirement	≥40 N	
Conductor type	Type of conductor and conductor cross-section	AWG 14/1
	Type of conductor and conductor cross-section	AWG 14/19
Evaluation	passed	
Requirement	≥50 N	
Conductor type	Type of conductor and conductor cross-section	solid 2.5 mm ²
	Type of conductor and conductor cross-section	stranded 2.5 mm ²
Evaluation	passed	

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. Wire end ferrule without plastic collar to DIN 46228/1 Wire end ferrule with plastic collar to DIN 46228/4 Crimp form A for wire end ferrules with PZ 6/5 crimping tool are recommended for the largest cable sizes. 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	EC002638	ETIM 9.0	EC002638
ETIM 10.0	EC002638	ECLASS 14.0	27-46-02-02
ECLASS 15.0	27-46-02-02		

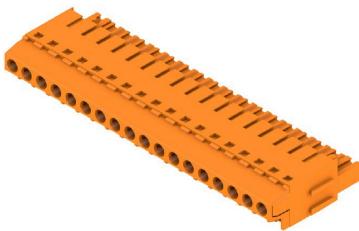
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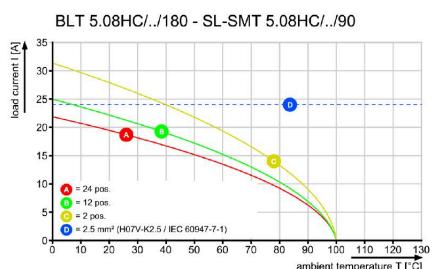
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Drawings

Product image



Graph



Product benefits



Lower assembly costsSecure in a matter of seconds

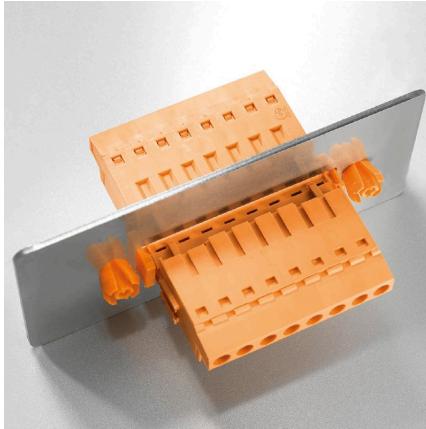
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Drawings

Product benefits



Guaranteed secure fixingFor wall
thickness from 0.5 to 2 mm

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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	BBDF OR	Version
Order No.	1307570000	PCB plug-in connector, Accessories, Mounting block, orange, Number
GTIN (EAN)	4050118109566	of poles: 0
Qty.	100 ST	
Type	BBDF BK	Version
Order No.	1307580000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4050118109764	of poles: 0
Qty.	100 ST	
Type	SLA BB12R 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 BB11R 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 BB1R 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 BB2R 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 BB5R 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 BB6R 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 BB1R SW	Version
Order No.	1723480000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366032	of poles: 0
Qty.	20 ST	

BLT 5.08HC/18/180B SN OR BX

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Accessories

Type	SLA BB2R 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 BB5R SW	Version
Order No.	1723510000	PCB plug-in connector, Accessories, Mounting block, black, Number
GTIN (EAN)	4008190366063	of poles: 0
Qty.	20 ST	
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	

Strain reliefs



For frequent load changes: the "trailer coupling" for plug-in connectors.
The strain relief can do more than just relieve the strain on conductors:
Simply clip onto the plug and
• bundle conductors
• guide cables
• use as a connection and disconnection aid
No damage to the connecting points, clear, tidy wiring and easy to handle.
User advantages: permanent heavy-duty connections for harsh industrial environments and convenient operation ensure improved system availability.

BLT 5.08HC/18/180B SN OR BX

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Accessories

General ordering data

Type	BLAT ZE04 OR BX	Version
Order No.	1577980000	PCB plug-in connector, Accessories, Strain relief, orange, Number of
GTIN (EAN)	4008190078249	poles: 4
Qty.	50 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	
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	

BLT 5.08HC/18/180B SN OR BX

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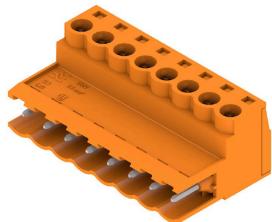
Counterpart

SLS 5.08/180T SN

General ordering data

Type	SLS 5.08/18/180T SN OR ...	Version
Order No.	1627530000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190200046	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	18 ST	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 5.08/18/180 SN OR BX	Version
Order No.	1644850000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190284060	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	18 ST	Box

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 5.08/18/180 SN OR ...	Version
Order No.	1709530000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190318833	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm ² ,
Qty.	20 ST	Box

BLT 5.08HC/18/180B SN OR BX

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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 5.08/18/180 3.2SN OR...	Version
Order No.	1518860000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190111137	connection, 5.08 mm, Number of poles: 18, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 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 5.00/18/90 3.2SN OR ...	Version
Order No.	1571280000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190027285	connection, 5.00 mm, Number of poles: 18, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

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 5.08/36/90G 3.2SN O...	Version
Order No.	1601950000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190052188	connection, 5.08 mm, Number of poles: 36, 90°, Solder pin length (l):
Qty.	10 ST	3.2 mm, tinned, orange, Box

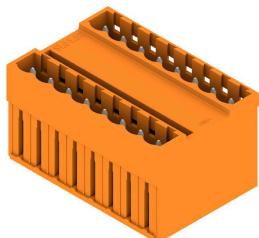
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Counterpart

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 5.08/36/180G 3.2SN ...	Version
Order No.	1602550000	PCB plug-in connector, male header, closed side, THT solder
GTIN (EAN)	4008190047306	connection, 5.08 mm, Number of poles: 36, 180°, Solder pin length
Qty.	10 ST	(I): 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 5.08/18/135 3.2SN OR...	Version
Order No.	1603220000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190177263	connection, 5.08 mm, Number of poles: 18, 135°, Solder pin length
Qty.	20 ST	(I): 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/18/90G 3...	Version
Order No.	1780340000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248165667	connection, 5.08 mm, Number of poles: 18, 90°, Solder pin length (I):
Qty.	20 ST	3.2 mm, tinned, black, Box

BLT 5.08HC/18/180B SN OR BX

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Counterpart

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 5.08/36/180FLF...	Version
Order No.	1889270000	PCB plug-in connector, male header, Flange / Solder flange, THT/THR
GTIN (EAN)	4032248495610	solder connection, 5.08 mm, Number of poles: 36, 180°, Solder pin
Qty.	8 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 5.08/36/180F 3...	Version
Order No.	1889370000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248495719	connection, 5.08 mm, Number of poles: 36, 180°, Solder pin length
Qty.	8 ST	(l): 3.2 mm, tinned, black, Box

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/18/90F 3...	Version
Order No.	1837790000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248347605	connection, 5.08 mm, Number of poles: 18, 90°, Solder pin length (l):
Qty.	18 ST	3.2 mm, tinned, black, Box

BLT 5.08HC/18/180B SN OR BX

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Counterpart

SL-SMT 5.00HC/90LF Box

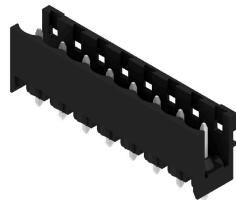


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.00HC/18/90LF 3...	Version
Order No.	1840510000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248351350	connection, 5.00 mm, Number of poles: 18, 90°, Solder pin length (l):
Qty.	18 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/18/180 3...	Version
Order No.	1838140000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248348206	connection, 5.08 mm, Number of poles: 18, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, black, 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/18/180LF ...	Version
Order No.	1838600000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248348664	connection, 5.08 mm, Number of poles: 18, 180°, Solder pin length
Qty.	18 ST	(l): 3.2 mm, tinned, black, Box

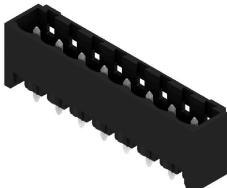
BLT 5.08HC/18/180B SN OR BX

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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/18/180G 3...	Version
Order No.	1838370000	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248348435	connection, 5.08 mm, Number of poles: 18, 180°, Solder pin length
Qty.	20 ST	(l): 3.2 mm, tinned, black, Box

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 5.08/18/180F SN OR...	Version
Order No.	1847220000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4032248363278	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm ² ,
Qty.	20 ST	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/18/90G 1...	Version
Order No.	1775162001	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156733	connection, 5.08 mm, Number of poles: 18, 90°, Solder pin length (l):
Qty.	20 ST	1.5 mm, tinned, black, Box

BLT 5.08HC/18/180B 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/18/180LF ...	Version
Order No.	1776522001	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248159406	connection, 5.08 mm, Number of poles: 18, 180°, Solder pin length (I):
Qty.	18 ST	3.2 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/18/90 3.2...	Version
Order No.	1780110000	PCB plug-in connector, male header, open side, THT/THR solder
GTIN (EAN)	4032248165438	connection, 5.08 mm, Number of poles: 18, 90°, Solder pin length (I):
Qty.	20 ST	3.2 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/18/90LF 3...	Version
Order No.	1780590000	PCB plug-in connector, male header, Solder flange, THT/THR solder
GTIN (EAN)	4032248165896	connection, 5.08 mm, Number of poles: 18, 90°, Solder pin length (I):
Qty.	18 ST	3.2 mm, tinned, black, Box

BLT 5.08HC/18/180B SN OR BX

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Counterpart

SL-SMT 5.08/180F Box

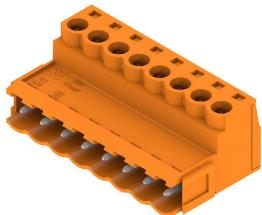


High-temperature-resistant pin header, packed in box or tape. On tape, with 1.5 mm solder pin, optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded. HC = High Current.

General ordering data

Type	SL-SMT 5.08HC/18/180F 3...	Version
Order No.	1820650000	PCB plug-in connector, male header, Flange, THT/THR solder
GTIN (EAN)	4032248316816	connection, 5.08 mm, Number of poles: 18, 180°, Solder pin length
Qty.	18 ST	(I): 3.2 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 5.08/18/180B SN OR ...	Version
Order No.	1645160000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190284374	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	18 ST	Box
Type	SLS 5.08/18/180B SN BK ...	Version
Order No.	1645390000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190284602	180°, Clamping yoke connection, Clamping range, max. : 3.31 mm ² ,
Qty.	18 ST	Box

SLZF 5.08/90B



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

BLT 5.08HC/18/180B SN OR BX

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Counterpart

General ordering data

Type	SLZF 5.08/18/90B SN OR ...	Version
Order No.	1673710000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190435424	90°, Tension-clamp connection, Clamping range, max. : 3.31 mm ² ,
Qty.	20 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 5.08/18/180B SN OR...	Version
Order No.	1710370000	PCB plug-in connector, male plug, 5.08 mm, Number of poles: 18,
GTIN (EAN)	4008190319687	180°, Tension-clamp connection, Clamping range, max. : 3.31 mm ² ,
Qty.	20 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 5.08/18/90 3.2SN OR ...	Version
Order No.	1509660000	PCB plug-in connector, male header, open side, THT solder
GTIN (EAN)	4008190188658	connection, 5.08 mm, Number of poles: 18, 90°, Solder pin length (l):
Qty.	20 ST	3.2 mm, tinned, orange, Box

BLT 5.08HC/18/180B 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 5.08/18/90B 3.2SN OR...	Version
Order No.	1511960000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190098155	solder connection, 5.08 mm, Number of poles: 18, 90°, Solder pin
Qty.	20 ST	length (l): 3.2 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 5.08/18/180B 3.2SN O...	Version
Order No.	1521160000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190146696	solder connection, 5.08 mm, Number of poles: 18, 180°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box
Type	SL 5.08/18/180B 4.5SN B...	Version
Order No.	1525710000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190143770	solder connection, 5.08 mm, Number of poles: 18, 180°, Solder pin
Qty.	20 ST	length (l): 4.5 mm, tinned, black, Box
Type	SL 5.08/18/180B 4.5SN O...	Version
Order No.	1525760000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190122041	solder connection, 5.08 mm, Number of poles: 18, 180°, Solder pin
Qty.	20 ST	length (l): 4.5 mm, tinned, orange, Box

BLT 5.08HC/18/180B SN OR BX

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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 5.00/18/90B 3.2SN OR...	Version
Order No.	1581020000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190111014	solder connection, 5.00 mm, Number of poles: 18, 90°, Solder pin
Qty.	20 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 5.08/18/135B 3.2SN O...	Version
Order No.	1605690000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
GTIN (EAN)	4008190122683	solder connection, 5.08 mm, Number of poles: 18, 135°, Solder pin
Qty.	20 ST	length (l): 3.2 mm, tinned, orange, Box