



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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# **Product image**







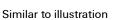








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Female header for PCB mounting. The solder pin length is optimised for wave flow soldering.

# **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 (I): 4.5 mm, tinned, black, Box	
Order No.	<u>1646280000</u>	
Туре	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	Вох	





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# **Technical data**

# **Approvals**

Approvals



ROHS	Conform
UL File Number Search	<u>UL Website</u>
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 (I)	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**

PBT GF	Colour	black
RAL 9011	Insulating material group	Illa
≥ 200	Insulation resistance	108 Ω
	UL 94 flammability rating	V-0
Copper alloy	Contact surface	tinned
46 µm Sn hot-dip tinned	Layer structure of plug contact	46 µm Sn hot-dip tinned
-40 °C	Storage temperature, max.	70 °C
-50 °C	Operating temperature, max.	100 °C
-25 °C	Temperature range, installation, max.	100 °C
	RAL 9011 ≥ 200  Copper alloy 46 µm Sn hot-dip tinned -40 °C -50 °C	RAL 9011 Insulating material group  ≥ 200 Insulation resistance  UL 94 flammability rating  Copper alloy Contact surface  46 µm Sn hot-dip tinned  -40 °C Storage temperature, max.  -50 °C Operating temperature, max.

### Rated data acc. to IEC

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

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# **Technical data**

Rated current, max. number of poles 14 A (Tu=40°C)	Rated voltage for surge voltage class / 400 V pollution degree II/2
Rated voltage for surge voltage class / 320 V pollution degree III/2	Rated voltage for surge voltage class / 250 V pollution degree III/3
Rated impulse voltage for surge voltage 4 V class/ pollution degree II/2	Rated impulse voltage for surge voltage 4 kV class/ pollution degree III/2
Rated impulse voltage for surge voltage 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	<ul><li>Additional variants on request</li><li>Gold-plated contact surfaces on request</li></ul>

- · 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  $^{\circ}\text{C}$  and maximum humidity 70%, 36 months

## Classifications

ETIM 6.0	EC002637	ETIM 7.0	EC002637
ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 9.0	27-44-04-02
ECLASS 9.1	27-44-04-02	ECLASS 10.0	27-44-04-02
ECLASS 11.0	27-46-02-01	ECLASS 12.0	27-46-02-01
ECLASS 13.0	27-46-02-01	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

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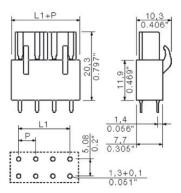
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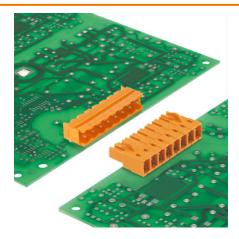
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# **Drawings**

# **Dimensional drawing**



# **Example of use**







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# **Accessories**

### **Coding elements**



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

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

The coding elements and locking devices are inserted prior to assembly or during the cable assembly phase. The Weidmüller alternative: configure online using the variant configurator to precode prior to delivery. Incorrect assembly on the circuit board and incorrect plugging of connecting elements is no longer possible. The advantage: no troubleshooting during manufacture and no operational errors by the user.

### **General ordering data**

Туре	BLZ/SL KO BK BX	Version
Order No.	<u>1545710000</u>	PCB plug-in connector, Accessories, Coding element, black, Number
GTIN (EAN)	4008190087142	of poles: 1
Qty.	50 ST	
_		
Туре	BLZ/SL KO OR BX	Version
Order No.	BLZ/SL KO OR BX 1573010000	Version PCB plug-in connector, Accessories, Coding element, orange, Number



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# Counterpart

### SL 5.00/90B



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

# **General ordering data**

Type SL 5.00/05/90B 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

Oty. 50 ST length (I): 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**

Туре	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	Вох

# **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**

Туре	SLZF 5.08/05/90B SN OR	Version
Order No.	<u>1673580000</u>	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	

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# 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**

Туре	SLZF 5.08/05/270B SN OR	Version
Order No.	<u>1706170000</u>	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
Туре	SLZF 5.08/05/270B SN BK	Version
Type Order No.	SLZF 5.08/05/270B SN BK 1706400000	Version PCB plug-in connector, male plug, 5.08 mm, Number of poles: 5,
• •		

# **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**

Туре	SLZF 5.08/05/180B SN OR	Version
Order No.	<u>1710240000</u>	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	Вох

## 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.

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# Counterpart

# **General ordering data**

Type	SL 5.08/05/90B 3.2SN BK	Version
Order No.	<u>1510610000</u>	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 (I): 3.2 mm, tinned, black, Box
Туре	SL 5.08/05/90B 3.2SN DK	Version
Order No.	<u>1510650000</u>	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 (I): 3.2 mm, tinned, Signal green, Box
Туре	SL 5.08/05/90B 3.2SN OR	Version
Order No.	<u>1510660000</u>	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 (I): 3.2 mm, tinned, orange, Box
Туре	SL 5.08/05/90B 4.5SN BK	Version
Order No.	<u>1515210000</u>	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 (I): 4.5 mm, tinned, black, Box
Туре	SL 5.08/05/90B 4.5SN OR	Version
Order No.	<u>1515260000</u>	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 (I): 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**

Туре	SL 5.08/05/180B 3.2SN D	Version
Order No.	<u>1519850000</u>	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 (I): 3.2 mm, tinned, Signal green, Box
Туре	SL 5.08/05/180B 3.2SN O	Version
Order No.	<u>1519860000</u>	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 (I): 3.2 mm, tinned, orange, Box
Туре	SL 5.08/05/180B 4.5SN B	Version
Type Order No.	SL 5.08/05/180B 4.5SN B 1524410000	Version PCB plug-in connector, male header, Dovetails for fixing blocks, THT
	, ,	
Order No.	<u>1524410000</u>	PCB plug-in connector, male header, Dovetails for fixing blocks, THT
Order No. GTIN (EAN)	<u>1524410000</u> 4008190046804	PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin
Order No. GTIN (EAN) Oty.	1524410000 4008190046804 50 ST	PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I): 4.5 mm, tinned, black, Box
Order No. GTIN (EAN) Oty. Type	1524410000 4008190046804 50 ST SL 5.08/05/180B 4.5SN O	PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I): 4.5 mm, tinned, black, Box  Version
Order No. GTIN (EAN) Qty. Type Order No.	1524410000 4008190046804 50 ST SL 5.08/05/180B 4.5SN O 1524460000	PCB plug-in connector, male header, Dovetails for fixing blocks, THT solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I): 4.5 mm, tinned, black, Box  Version  PCB plug-in connector, male header, Dovetails for fixing blocks, THT



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# Counterpart

## **SL 5.00/90B**



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

### **General ordering data**

 Type
 SL 5.00/05/90B 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

 Oty.
 50 ST
 length (I): 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**

Туре	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 (I): 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

Gonorai	in ordorning data	
Туре	SLT 5.08/05/180B SN OR	Version
Order No.	<u>1611740000</u>	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	

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# Counterpart

### **SLDV-THR 5.08/180F**



High-temperature resistant, double level, laterally offset, male connector with flange or solder flange. 1.5 mm solder pin is suitable for reflow soldering. 3.2 mm solder pin suitable for reflow and wave soldering. The pin headers provide space for labelling and can be coded.

#### General ordering data

Type SLDV-THR 5.08/10/180F 1... Version

Order No. <u>1828920000</u> GTIN (EAN) 4032248335619

Qty.

32 ST

PCB plug-in connector, male header, Flange, THT/THR solder connection, 5.08 mm, Number of poles: 10, 180°, Solder pin length

(I): 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 (I): 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 (I): 3.2 mm, tinned, black, Box

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# 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 (I):

 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 (I):

 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**

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Туре	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 (I):
Qty.	48 ST	3.2 mm, tinned, black, Box



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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/05/180LF ...
 Version

 Order No.
 1838470000
 PCB plug-in connector, male header, Solder flange, THT/THR solder

 GTIN (EAN)
 4032248348534
 connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):

 Qty.
 48 ST
 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

Туре	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 mm²,
Qty.	50 ST	Вох

# **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**

Creation date 04.11.2025 09:11:15 MEZ

Туре	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 mm²,
Qty.	48 ST	Вох



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# Counterpart

### **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 (I):

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**

Туре	SL-SMT 5.08HC/05/180LF	Version
Order No.	<u>1776394001</u>	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 (I):
Qty.	250 ST	1.5 mm, tinned, black, Tape

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# 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
GTIN (EAN) 4032248167814 connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (I):
Oty. 350 ST 1.5 mm, tinned, black, Tape

### 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

GTIN (EAN) 4032248239788 connection, 5.00 mm, Number of poles: 5, 90°, Solder pin length (I):

Oty. 350 ST 1.5 mm, tinned, black, Tape

# **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**

Creation date 04.11.2025 09:11:15 MEZ

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



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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/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 (I):

Oty. 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 (I):
Oty. 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**

Creation date 04.11.2025 09:11:15 MEZ

Туре	SL-SMT 5.08HC/05/180F 3	Version
Order No.	<u>1820770000</u>	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 (I):
Qty.	48 ST	3.2 mm, tinned, black, Box



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# Counterpart

### SL 5.00/90



Male connectors with 90° outlet direction. The solder pin length is optimised for wave flow soldering. The 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 (I):

 Oty.
 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**

Туре	SLS 5.08/05/180 SN OR BX	Version
Order No.	<u>1627120000</u>	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	Вох

# **SLS 5.08/180T SN**

### **General ordering data**

Туре	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	Вох

Creation date 04.11.2025 09:11:15 MEZ



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# Counterpart

### **SLDF 5.08**



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

# **General ordering data**

Type SLDF 5.08 L/F 5 SN BK BX Version

Order No. 1635770000 PCB plug-in connector, male header, 5.08 mm, Number of poles: 5,

4008 190264208 180°, Flat-blade connection, Solder connection, Box

Oty. 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

Туре	SLZF 5.08/05/90 SN OR BX	Version
Order No.	<u>1673120000</u>	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 mm², 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

Creation date 04.11.2025 09:11:15 MEZ

General	Seneral ordering data		
Туре	SLZF 5.08/05/180 SN OR	Version	
Order No.	<u>1709400000</u>	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 mm²,	
Qty.	50 ST	Вох	



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# Counterpart

Туре	SLZF 5.08/05/180 SN BK	Version
Order No.	<u>1709630000</u>	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**

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

### 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.

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### **General ordering data**

Туре	SL 5.08/05/180 3.2SN DK	Version
Order No.	<u>1517550000</u>	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 (I):
Qty.	50 ST	3.2 mm, tinned, Signal green, Box





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# Counterpart

Туре	SL 5.08/05/180 3.2SN OR	Version
Order No.	<u>1517560000</u>	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 (I):
Qty.	50 ST	3.2 mm, tinned, orange, Box
Туре	SL 5.08/05/180 4.5SN BK	Version
Order No.	<u>1522110000</u>	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 (I):
Qty.	50 ST	4.5 mm, tinned, black, Box
Туре	SL 5.08/05/180 4.5SN OR	Version
Order No.	<u>1522160000</u>	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 (I):
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**

Туре	SL 5.00/05/90 3.2SN OR	Version
Order No.	<u>1571160000</u>	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 (I):
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.

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### **General ordering data**

Туре	SLDF 5.08 L/F 5 SN OR BX	Version
Order No.	<u>1599160000</u>	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	



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# Counterpart

### **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 0...
 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 (I):

 Oty.
 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
 (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**

Creation date 04.11.2025 09:11:15 MEZ

Туре	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 (I):
Qty.	50 ST	3.2 mm, tinned, orange, Box



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# 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

Qty.

Type SL-SMT 5.08HC/05/180 3.... Version

Order No. 1838010000 GTIN (EAN) 4032248348077

50 ST

PCB plug-in connector, male header, open side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):

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**

GTIN (EAN)

SL-SMT 5.08HC/05/180G 3... Туре Version

Order No. 1838240000

4032248348305

50 ST

PCB plug-in connector, male header, closed side, THT/THR solder connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):

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**

Туре SL-SMT 5.08HC/05/90G 3....

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 (I):

50 ST 3.2 mm, tinned, black, Box Qty.

Creation date 04.11.2025 09:11:15 MEZ



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# 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

 GTIN (EAN)
 4032248160143
 connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):

 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

 GTIN (EAN)
 4032248157570
 connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):

 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**

Creation date 04.11.2025 09:11:15 MEZ

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



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# 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)
 4032248159611
 connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):

 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) 4032248158942 connection, 5.08 mm, Number of poles: 5, 180°, Solder pin length (I):
Oty. 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**

Creation date 04.11.2025 09:11:15 MEZ

Туре	SL-SMT 5.08HC/05/90G 1	Version
Order No.	<u>1775032001</u>	PCB plug-in connector, male header, closed side, THT/THR solder
GTIN (EAN)	4032248156092	connection, 5.08 mm, Number of poles: 5, 90°, Solder pin length (I):
Qty.	50 ST	1.5 mm, tinned, black, Box



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# 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 (I):

 Oty.
 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 (I):

 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**

Creation date 04.11.2025 09:11:15 MEZ

Туре	SL-SMT 5.08HC/05/90 3.2	Version
Order No.	<u>1779980000</u>	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 (I):
Qty.	50 ST	3.2 mm, tinned, black, Box