

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold

Germany

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Do not use product for new developments





















Female plugs with clamping-yoke screw for wire connection with straight (180°) outlet direction. The female plugs provide space for labelling and can be coded.

- 0.2 2.5 mm² (IEC) / 26 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Clamping range, rated connection, max.: 3.31 mm², Box GTIN (EAN) 4008190155834 Oty. 100 pc(s). Product data IEC: 400 V / 19 A / 0.2 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - AWG 12		
Type BLZ 5.08/02/180 SN OR BX Version PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection Clamping range, rated connection, max.: 3.31 mm², Box GTIN (EAN) 4008190155834 Qty. 100 pc(s). Product data IEC: 400 V / 19 A / 0.2 - 2.5 mm²		
Version PCB plug-in connector, female plug, 5.08 mm, No. of poles: 2, 180°, Clamping yoke connection Clamping range, rated connection, max.: 3.31 mm², Box GTIN (EAN) 4008190155834 Qty. 100 pc(s). Product data IEC: 400 V / 19 A / 0.2 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - AWG 12	Order No.	<u>1526460000</u>
No. of poles: 2, 180°, Clamping yoke connection Clamping range, rated connection, max.: 3.31 mm², Box GTIN (EAN) 4008190155834 Oty. 100 pc(s). Product data IEC: 400 V / 19 A / 0.2 - 2.5 mm² UL: 300 V / 15 A / AWG 26 - AWG 12	Туре	BLZ 5.08/02/180 SN OR BX
Oty. 100 pc(s). Product data IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	Version	No. of poles: 2, 180°, Clamping yoke connection, Clamping range, rated connection, max.: 3.31
Product data IEC: 400 V / 19 A / 0.2 - 2.5 mm ² UL: 300 V / 15 A / AWG 26 - AWG 12	GTIN (EAN)	4008190155834
UL: 300 V / 15 A / AWG 26 - AWG 12	Qty.	100 pc(s).
Packaging Box	Product data	•
	Packaging	Вох



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Technical data

Dimensions and weights

Net weight	3.1 g	

System parameters

Product family	OMNIMATE Signal - series	Wire connection method	
	BL/SL 5.08		Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	5.08 mm
Pitch in inches (P)	0.2 inch	No. of poles	2
Number of rows	1	Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm	Clamping screw	M 2.5
Stripping length	7 mm	L1 in mm	5.08 mm
L1 in inches		Touch-safe protection acc. to DIN VDE	
	0.2 inch	0470	IP 20
Touch-safe protection acc. to DIN VDE			
57 106	Safe from finger touch		

Material data

Insulating material	PBT	Colour	Orange
Colour chart (similar)	RAL 2000	UL 94 flammability rating	V-0
СТІ	≥ 200	Contact material	Cu-Leg
Contact surface	tinned	Contact base material	Cu-Leg
Continuous operating temp., min.	-25 ℃	Continuous operating temp., max.	100 °C

Connectable conductors

Clamping range, rated connection, mir	ı. 0.13 mm²	Clamping range, rated connection	, max. 3.31 mm²	
Wire connection cross section AWG,		Wire connection cross section AV	VG,	
min.	AWG 26	max.	AWG 12	
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. wire end ferrule, DIN 46228 pt 1, m	nin	w. wire end ferrule, DIN 46228 pt 1,		
	0.2 mm ²	max.	2.5 mm ²	
w. plastic collar ferrule, DIN 46228 pt	4,	w. plastic collar ferrule, DIN 4622	8 pt 4,	
min.	0.2 mm ²	max.	2.5 mm ²	
Plug gauge acc. to EN 60999 a x b; Ø	2.8 mm x 2.0 mm; 2.4 mm			

DIN IEC rating data

Rated current, min. no. of poles		Rated current, max. no. of poles	
(TU=20°C)	19 A	(Tu=20°C)	14.5 A
Rated current, number of poles		Rated current, number of poles	
(Tu=40°C), min	16 A	(Tu=40°C), max.	12.5 A
Rated voltage for surge voltage class /		Rated voltage for surge voltage class /	
pollution degree II/2	400 V	pollution degree III/2	320 V
Rated voltage for surge voltage class /		Rated impulse voltage for surge voltage	
pollution degree III/3	250 V	class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage		Rated impulse voltage for surge voltage	
class/ pollution degree III/2	4 kV	class/ contamination degree III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A		



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Technical data

CSA rating data

Institute (CSA)		Rated voltage (Use group B)	Rated voltage (Use group B)		
			300 V		
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V		
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26		
Wire cross-section, AWG, max.	AWG 12				

UL 1059 rating data

Institute (UR)	<i>71.</i>	Rated voltage (use group B)	
			300 V
Rated current (use group B)	15 A	Rated voltage (use group D)	300 V
Rated current (use group D)	10 A	Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12		

Classifications

ETIM 3.0	EC001284	UNSPSC	30-21-18-10
eClass 4.1	27-14-21-97	eClass 5.1	27-26-07-04
eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02

Notes

Notes

- · Additional colours 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
- 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.

Approvals

Approvals



ROHS Conform

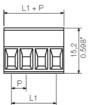


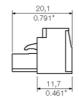
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Drawings







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Mating connector (conditionally pluggable)

SLS 5.08/180FI



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

- 0.2 2.5 mm² (IEC) / 26 12 AWG (UL)
- 400 V (IEC) / 300 V (UL) 21.5 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
184621000	SLS 5.08/02/180FI SN OR BX	PCB plug-in connector,	403224836249	3 100 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 1	2
		of poles: 2, 180°, Clamping	J			
		yoke connection, Clamping	I			
		range, rated connection,				
		max.: 3.31 mm², 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.

- 0.2 2.5 mm² (IEC) / 26 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1627240000	SLS 5.08/02/180B SN OR BX	PCB plug-in connector,	4008190199753	3 100 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 1:	2
		of poles: 2, 180°, Clamping	ı			
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm², Box				



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Mating connector (conditionally pluggable)

SLZF 5.08/180F



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
184693000	O SLZF 5.08/02/180F SN OR BX	PCB plug-in connector,	403224836310	0 100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 1	2
		No. of poles: 2, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², Box				

SL-SMarT 5.0x/90 Tape



High-temperature resistant male header for side-byside mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
181243000	O SL-SMART 5.0X/02/90 1.5SN BK RL	PCB plug-in connector, ma	ale40322482940	15 350 pc(s).	IEC: 400 V / 16.5 A	Tape
		header, open side, Reflow			UL: 300 V / 15 A	
		solder connection, 5.00				
		mm, No. of poles: 2, 90°,				
		Solder pin length (I): 1.5				
		mm, tinned, Black, Tape				



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Mating connector (conditionally pluggable)

SLZF 5.08/180FI



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
184651000	SLZF 5.08/02/180FI SN OR BX	PCB plug-in connector,	403224836281	3 100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 1	2
		No. of poles: 2, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², 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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging			
182889000	O SLDV-THR 5.08/04/180F 1.5SN BK BX	PCB plug-in connecto	, male40322483355	589 50 pc(s).	IEC: 400 V / 15 A	Box			
		header, Flange, Reflov	v		UL: 300 V / 10 A				
		solder connection, 5.0	solder connection, 5.08						
		mm, No. of poles: 4, 1	80°,						
		Solder pin length (I): 1	.5						
		mm, tinned, Black, Bo	x						
182877000	O SLDV-THR 5.08/04/180F 3.2SN BK BX	PCB plug-in connecto	, male40322483354	142 50 pc(s).	IEC: 400 V / 15 A	Box			
		header, Flange, Reflov	v		UL: 300 V / 10 A				
		solder connection, 5.0	08						
		mm, No. of poles: 4, 1	80°,						
		Solder pin length (I): 3	.2						
		mm, tinned, Black, Bo	x						



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Mating connector (conditionally pluggable)

SL-SMT 5.00/90LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagi		
184035000	0 SL-SMT 5.00/02/90LF 3.2SN BK BX	PCB plug-in connector,	403224835109	1 100 pc(s).	IEC: 400 V / 19 A	Box		
		male header, Solder flange) ,		UL: 300 V / 15 A			
	Reflow solder connection,							
		5.00 mm, No. of poles: 2,						
		90°, Solder pin length (I):						
		3.2 mm, tinned, Black, Box	(
179723000	0 SL-SMT 5.00/02/90LF 1.5SN BK BX	PCB plug-in connector,	403224823801	9 100 pc(s).	IEC: 400 V / 19 A	Box		
		male header, Solder flange),		UL: 300 V / 15 A			
		Reflow solder connection,						
		5.00 mm, No. of poles: 2,						
		90°, Solder pin length (I):						
		1.5 mm, tinned, Black, Box	(

SL-SMT 5.00/90LF Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1797750000	SL-SMT 5.00/02/90LF 1.5SN BK RL	PCB plug-in connector,	4032248239757	7350 pc(s).	IEC: 400 V / 19 A	Tape
		male header, Solder flange,			UL: 300 V / 15 A	
		Reflow solder connection,				
		5.00 mm, No. of poles: 2,				
		90°, Solder pin length (I):				
		1.5 mm, tinned, Black, Tape	•			



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Mating connector (conditionally pluggable)

SLZF 5.08/270B



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
170614000	SLZF 5.08/02/270B SN OR BX	PCB plug-in connector,	403224811399	6 100 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 1	2
		No. of poles: 2, 270°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², Box				

SL-SMT 5.08/180LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No. Typ	oe	Version	GTIN (EAN)	Qty.	Product data	Packaging		
1776362001 SL-S	SMT 5.08/02/180LF 1.5SN BK BX	PCB plug-in connector,	403224815914	7 100 pc(s).	IEC: 400 V / 19 A	Box		
		male header, Solder flange,			UL: 300 V / 15 A			
		Reflow solder connection, 5.08 mm, No. of poles: 2,						
		180°, Solder pin length (I):						
		1.5 mm, tinned, Black, Box						
1838440000 SL-S	SMT 5.08/02/180LF 3.2SN BK BX	PCB plug-in connector,	4032248348503	3 100 pc(s).	IEC: 400 V / 19 A	Box		
		male header, Solder flange,			UL: 300 V / 15 A			
		Reflow solder connection,						
		5.08 mm, No. of poles: 2,						
		180°, Solder pin length (I):						
		3.2 mm, tinned, Black, Box						



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Mating connector (conditionally pluggable)

SLZF 5.08/180B



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
171021000	O SLZF 5.08/02/180B SN OR BX	PCB plug-in connector,	400819031952	6 100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 1:	2
		No. of poles: 2, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², Box				_

SLT 5.08B



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 16 A (IEC) / 10 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
161171000	SLT 5.08/02/180B SN OR BX	PCB plug-in connector,	4008190192594	4 100 pc(s).	IEC: 400 V / 16 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm, No.			UL: 300 V / 15 A / AWG 26 - AWG 14	1
		of poles: 2, 180°, TOP				
		connection, Clamping				
		range, rated connection,				
		max.: 2.5 mm², Box				_



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Mating connector (conditionally pluggable)

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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging		
182901000	O SLDV-THR 5.08/04/180FLF 3.2SN BK BX	PCB plug-in connector,	403224833570)150 pc(s).	IEC: 400 V / 15 A	Box		
		male header, Flange /			UL: 300 V / 10 A			
		Solder flange, Reflow solder						
		connection, 5.08 mm, No.						
		of poles: 4, 180°, Solder pin						
		length (I): 3.2 mm, tinned,						
		Black, Box						
182913000	O SLDV-THR 5.08/04/180FLF 1.5SN BK BX	PCB plug-in connector,	403224833582	4 50 pc(s).	IEC: 400 V / 15 A	Box		
		male header, Flange /			UL: 300 V / 10 A			
		Solder flange, Reflow sold	er					
		connection, 5.08 mm, No.						
		of poles: 4, 180°, Solder p	in					
		length (I): 1.5 mm, tinned,						
		Black, 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.

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

Version	GTIN (EAN)	Qty.	Product data	Packaging			
PCB plug-in connec	PCB plug-in connector, male4008190104290100 pc(s).			Box			
header, Dovetails fo	header, Dovetails for fixing						
blocks, Solder conn	blocks, Solder connection,						
5.08 mm, No. of po	les: 2,						
135°, Solder pin len	gth (I):						
3.2 mm, tinned, Ora	3.2 mm, tinned, Orange,						
Box	Вох						
	PCB plug-in connect header, Dovetails for blocks, Solder conne 5.08 mm, No. of pol 135°, Solder pin len 3.2 mm, tinned, Ora	PCB plug-in connector, male40081901042 header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, 135°, Solder pin length (I): 3.2 mm, tinned, Orange,	PCB plug-in connector, male4008190104290100 pc(s). header, Dovetails for fixing blocks, Solder connection, 5.08 mm, No. of poles: 2, 135°, Solder pin length (I): 3.2 mm, tinned, Orange,	PCB plug-in connector, male4008190104290100 pc(s). IEC: 400 V / 17 A header, Dovetails for fixing UL: 300 V / 15 A blocks, Solder connection, 5.08 mm, No. of poles: 2, 135°, Solder pin length (I): 3.2 mm, tinned, Orange,			



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Mating connector (conditionally pluggable)

SL-SMT 5.08/90LF Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagin
177523200	1 SL-SMT 5.08/02/90LF 1.5SN BK BX	PCB plug-in connector,	403224815721	1 100 pc(s).	IEC: 400 V / 19 A	Box
		male header, Solder flange	,		UL: 300 V / 15 A	
		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		90°, Solder pin length (I):				
		1.5 mm, tinned, Black, Box				
178041000	O SL-SMT 5.08/02/90LF 3.2SN BK BX	PCB plug-in connector,	403224816573	5 100 pc(s).	IEC: 400 V / 19 A	Вох
		male header, Solder flange	,		UL: 300 V / 15 A	
		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		90°, Solder pin length (I):				
		3.2 mm, tinned, Black, 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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

Order No. Type	Version	GTIN (EAN)	Qty.	Product data	Packagin
1510360000 SL 5.08/02/90B 3.2SN OR BX	PCB plug-in connec	tor, male40081901801	88 100 pc(s).	IEC: 400 V / 18 A	Вох
	header, Dovetails fo	r fixing		UL: 300 V / 15 A	
	blocks, Solder conn	ection,			
	5.08 mm, No. of po	es: 2,			
	Solder pin length (I)	3.2			
	mm, tinned, Orange	, Box			



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Mating connector (conditionally pluggable)

SL-SMT 5.08/180LF Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No. Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1776364001 SL-SMT 5.08/02/180LF 1.5 SN BK RL	PCB plug-in connector,	40322481634	72 250 pc(s).	IEC: 400 V / 19 A	Tape
	male header, Solder flan	ge,		UL: 300 V / 15 A	
	Reflow solder connection	٦,			
	5.08 mm, No. of poles: 2	.,			
	180°, Solder pin length (I):			
	1.5 mm, tinned, Black, Ta	ape			

SL-SMT 5.08/90LF Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
177523400	SL-SMT 5.08/02/90LF 1.5 SN BK RL	PCB plug-in connector,	403224816778	4 350 pc(s).	IEC: 400 V / 19 A	Tape
		male header, Solder flange	,		UL: 300 V / 15 A	
		Reflow solder connection,				
		5.08 mm, No. of poles: 2,				
		90°, Solder pin length (I):				
		1.5 mm, tinned, Black, Tap	е			



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Mating connector (conditionally pluggable)

SL-SMT 5.08/180F Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagin			
183732000	O SL-SMT 5.08/02/180F 1.5SN BK BX	PCB plug-in connector, ma	ale40322483459	15 100 pc(s).	IEC: 400 V / 19 A	Вох			
	header, Flange, Reflow	header, Flange, Reflow UL: 300 V / 15 A							
		solder connection, 5.08							
		mm, No. of poles: 2, 180°	,						
	Solder pin length (I): 1.5								
	mm, tinned, Black, Box								
183786000	O SL-SMT 5.08/02/180F 3.2SN BK BX	PCB plug-in connector, ma	ale40322483476	74 100 pc(s).	IEC: 400 V / 19 A	Вох			
		header, Flange, Reflow			UL: 300 V / 15 A				
		solder connection, 5.08							
		mm, No. of poles: 2, 180°,							
		Solder pin length (I): 3.2							
		mm, tinned, Black, Box							

SLS 5.08/180F



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

- 0.2 2.5 mm² (IEC) / 26 12 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 21.5 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagir
1846360000	SLS 5.08/02/180F SN OR BX	PCB plug-in connector,	4032248362066	3 100 pc(s).	IEC: 400 V / 21.5 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm, No.			UL: 300 V / 14 A / AWG 26 - AWG 12	2
		of poles: 2, 180°, Clamping				
		yoke connection, Clamping				
		range, rated connection,				
		max.: 3.31 mm², Box				



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Mating connector (conditionally pluggable)

SL-SMarT 5.0x/180 Tape



High-temperature resistant male header for side-byside mounting. Packed in tape with 1.5 mm solder pin. Optimised for automatic assembly and suitable for reflow soldering. The pin headers provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 16.5 A (IEC) / 15 A (UL)

General ordering data

Order No. Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1812450000 SL-SMART 5.0X/02/180 1.5SN BK RL	PCB plug-in connector, ma	ale40322482940	39 270 pc(s).	IEC: 400 V / 16.5 A	Tape
	header, open side, Reflow	,		UL: 300 V / 15 A	
	solder connection, 5.00				
	mm, No. of poles: 2, 180°	,			
	Solder pin length (I): 1.5				
	mm, tinned, Black, Tape				

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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1519560000	SL 5.08/02/180B 3.2SN OR BX	PCB plug-in connector, male	e400819008389	2 100 pc(s).	IEC: 400 V / 18 A	Box
		header, Dovetails for fixing			UL: 300 V / 15 A	
		blocks, Solder connection,				
		5.08 mm, No. of poles: 2,				
		Solder pin length (I): 3.2				
		mm, tinned, Orange, Box				



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Mating connector (conditionally pluggable)

SL-SMT 5.08/90F Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
183763000	O SL-SMT 5.08/02/90F 3.2SN BK BX	PCB plug-in connector, ma	le403224834744	15 100 pc(s).	IEC: 400 V / 19 A	Box
		header, Flange, Reflow			UL: 300 V / 15 A	
		solder connection, 5.08				
		mm, No. of poles: 2, 90°,				
		Solder pin length (I): 3.2				
		mm, tinned, Black, Box				

SLZF 5.08/90B



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
167355000	O SLZF 5.08/02/90B SN OR BX	PCB plug-in connector,	4008190435264	4 100 pc(s).	IEC: 400 V / 20.5 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	2
		No. of poles: 2, 90°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², Box				



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Mating connector (conditionally pluggable)

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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1580860000	SL 5.00/02/90B 3.2SN OR BX	PCB plug-in connector, ma	le400819005448	89 100 pc(s).	IEC: 400 V / 18 A	Box
		header, Dovetails for fixing			UL: 300 V / 15 A	
		blocks, Solder connection,				
		5.00 mm, No. of poles: 2,				
		90°, Solder pin length (I):				
		3.2 mm, tinned, Orange,				
		Box				



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Mating connector (fully pluggable)

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.

- 400 V (IEC) / 300 V (UL)
- 15 A (IEC) / 10 A (UL)

General ordering data

Order No. Type	Version	GTIN (EAN)	Qty.	Product data	Packag
1599130000 SLDF 5.08 L/F 2 SN OR BX	PCB plug-in connec	tor, male400819017593	IEC: 400 V / 15 A	Box	
	header, 5.08 mm, N	lo. of		UL: 300 V / 10 A	
	poles: 2, 180°, Box				
1635740000 SLDF 5.08 L/F 2 SN BK BX	PCB plug-in connec	tor, male400819026416	61 100 pc(s).	IEC: 400 V / 15 A	Box
	header, 5.08 mm, N	lo. of		UL: 300 V / 10 A	
	poles: 2, 180°, Box				

SL-SMT 5.08/180 Box



High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging			
177552200	01 SL-SMT 5.08/02/180 1.5SN BK BX	PCB plug-in connector, m	ale40322481575	49 100 pc(s).	IEC: 400 V / 19 A	Box			
		header, open side, Reflov	V	UL: 300 V / 15 A					
		solder connection, 5.08	solder connection, 5.08						
		mm, No. of poles: 2, 180°,							
		Solder pin length (I): 1.5							
		mm, tinned, Black, Box							
183798000	00 SL-SMT 5.08/02/180 3.2SN BK BX	PCB plug-in connector, m	ale40322483480	46 100 pc(s).	IEC: 400 V / 19 A	Box			
		header, open side, Reflov	V		UL: 300 V / 15 A				
		solder connection, 5.08							
		mm, No. of poles: 2, 180	,						
		Solder pin length (I): 3.2							
		mm, tinned, Black, Box							



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Mating connector (fully pluggable)

SLZF 5.08/180



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

- 0.2 2.5 mm² (IEC) / 26 14 AWG (UL)
- 400 V (IEC) / 300 V (UL)
- 23 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagir
1709600000	SLZF 5.08/02/180 SN BK BX	PCB plug-in connector,	400819031890	100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	2
		No. of poles: 2, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², Box				
1709370000	SLZF 5.08/02/180 SN OR BX	PCB plug-in connector,	4008190390150) 100 pc(s).	IEC: 400 V / 23 A / 0.2 - 2.5 mm ²	Box
		male plug, 5.08 mm,			UL: 300 V / 15 A / AWG 26 - AWG 12	2
		No. of poles: 2, 180°,				
		Tension clamp connection,				
		Clamping range, rated				
		connection, max.: 3.31				
		mm², 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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

nnector, male40081901972921 side, Solder 00 mm, No.	Oty. Product data 100 pc(s). IEC: 400 V / 18 A UL: 300 V / 15 A					
side, Solder 00 mm, No.						
00 mm, No.	UL: 300 V / 15 A					
•						
° Solder pin						
of poles: 2, 90°, Solder pin length (I): 4.5 mm, tinned,						
nnector, male40081901561211	100 pc(s). IEC: 400 V / 18 A	Box				
side, Solder	UL: 300 V / 15 A					
00 mm, No.						
(00 mm, No.				

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Mating connector (fully pluggable)

length (I): 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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
150806000	O SL 5.08/02/90 3.2SN OR BX	PCB plug-in connector, ma	le400819018900	06 100 pc(s).	IEC: 400 V / 18 A	Box
		header, open side, Solder			UL: 300 V / 15 A	
		connection, 5.08 mm, No.				
		of poles: 2, 90°, Solder pin				
		length (I): 3.2 mm, tinned,				
		Orange, Box				

SL-SMT 5.08/90G Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
182114000	O SL-SMT 5.08/02/90G 1.5 SN BK RL	PCB plug-in connector, ma	le403224831978	37 350 pc(s).	IEC: 400 V / 19 A	Tape
		header, closed side, Reflo	v		UL: 300 V / 15 A	
		solder connection, 5.08				
		mm, No. of poles: 2, 90°,				
		Solder pin length (I): 1.5				
		mm, tinned, Black, Tape				



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Mating connector (fully pluggable)

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.

- 400 V (IEC) / 300 V (UL)
- 18 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1517260000	SL 5.08/02/180 3.2SN OR BX	PCB plug-in connector, ma	le400819003479	5 100 pc(s).	IEC: 400 V / 18 A	Box
		header, open side, Solder			UL: 300 V / 15 A	
		connection, 5.08 mm, No.				
		of poles: 2, 180°, Solder pi	n			
		length (I): 3.2 mm, tinned,				
		Orange, Box				

SL-SMT 5.08/180 Tape



High-temperature-resistant, straight, open ended male header. Packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1821100000 SL-SMT 5.08/02/180 1.5 SN BK RL		PCB plug-in connector, ma	le403224831974	19 250 pc(s).	IEC: 400 V / 19 A	Tape
		header, open side, Reflow			UL: 300 V / 15 A	
		solder connection, 5.08				
		mm, No. of poles: 2, 180°, Solder pin length (I): 1.5				
		mm, tinned, Black, Tape				



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Mating connector (fully pluggable)

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.

- 400 V (IEC) / 300 V (UL)
- 17 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
160306000	O SL 5.08/02/135 3.2SN OR BX	PCB plug-in connector, ma	ale400819009551	12 100 pc(s).	IEC: 400 V / 17 A	Box
		header, open side, Solder			UL: 300 V / 15 A	
		connection, 5.08 mm, No.				
		of poles: 2, 135°, Solder p	in			
		length (I): 3.2 mm, tinned,				
		Orange, Box				

SL-SMT 5.08/90 Box



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

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagin
177476200	01 SL-SMT 5.08/02/90 1.5SN BK BX	PCB plug-in connect	tor, male40322481556	699 100 pc(s).	IEC: 400 V / 19 A	Box
		header, open side, F	Reflow	UL: 300 V / 15 A		
		solder connection, §	5.08			
		mm, No. of poles: 2,	, 90°,			
		Solder pin length (I)	: 1.5			
	mm, tinned, Black, E	Зох				
177995000	1779950000 SL-SMT 5.08/02/90 3.2SN BK BX	PCB plug-in connect	PCB plug-in connector, male4032248165278100 pc(s).			Box
		header, open side, F	header, open side, Reflow			
		solder connection, §	solder connection, 5.08			
		mm, No. of poles: 2	mm, No. of poles: 2, 90°,			
		Solder pin length (I)	: 3.2			
		mm, tinned, Black, E	Зох			



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Mating connector (fully pluggable)

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.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging
1602390000	SLD 5.08/04/180G 3.2SN OR BX	PCB plug-in connector, mal	le400819018053	9 50 pc(s).	IEC: 400 V / 11 A	Box
		header, closed side, Solder			UL: 300 V / 10 A	
		connection, 5.08 mm, No.				
		of poles: 4, 180°, Solder pi	n			
		length (I): 3.2 mm, tinned,				
		Orange, Box				

SL-SMT 5.08/180G Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagin
177592200	01 SL-SMT 5.08/02/180G 1.5SN BK BX	PCB plug-in connector, r	nale40322481589	11 100 pc(s).	IEC: 400 V / 19 A	Box
		header, closed side, Refl	ow		UL: 300 V / 15 A	
		solder connection, 5.08				
		mm, No. of poles: 2, 180)°,			
		Solder pin length (I): 1.5				
	mm, tinned, Black, Box					
183821000	1838210000 SL-SMT 5.08/02/180G 3.2SN BK BX	PCB plug-in connector, r	nale40322483482	275 100 pc(s).	IEC: 400 V / 19 A	Вох
		header, closed side, Refl	ow		UL: 300 V / 15 A	
		solder connection, 5.08				
		mm, No. of poles: 2, 180)°,			
		Solder pin length (I): 3.2				
		mm, tinned, Black, Box				



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Mating connector (fully pluggable)

SL-SMT 5.08/180G Tape



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No. Type	Version	GTIN (EAN)	Qty.	Product data	Packaging
1820170000 SL-SMT 5.08/02/180G 1.5 SN BK RL	PCB plug-in connector, ma	ale403224831568	30 250 pc(s).	IEC: 400 V / 19 A	Tape
	header, closed side, Reflo	W		UL: 300 V / 15 A	
	solder connection, 5.08				
	mm, No. of poles: 2, 180°,	,			
	Solder pin length (I): 1.5				
	mm, tinned, Black, Tape				

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.

- 400 V (IEC) / 300 V (UL)
- 11 A (IEC) / 10 A (UL)

Order No. Type	Version	GTIN (EAN)	Qty.	Product data	Packaging	
1601790000 SLD 5.08/04/90G 3.2SN OR BX	PCB plug-in connec	tor, male40081900557	'52 50 pc(s).	IEC: 400 V / 11 A	Box	
	header, closed side	, Solder		UL: 300 V / 10 A		
	connection, 5.08 m	connection, 5.08 mm, No.				
	of poles: 4, 90°, Sol	der pin				
	length (I): 3.2 mm, t	length (I): 3.2 mm, tinned,				
	Orange, Box					



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Mating connector (fully pluggable)

SL-SMT 5.08/90G Box



High-temperature-resistant male header, packed in box or tape. In tape with 1.5 mm solder pin optimised for automatic assembly. 3.2 mm solder pin suitable for reflow and wave soldering. These male connectors provide space for labelling and can be coded.

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

General ordering data

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packagii	
1780180000	O SL-SMT 5.08/02/90G 3.2SN BK BX	PCB plug-in connector, male4032248165506100 pc(s).			IEC: 400 V / 19 A	Box	
		header, closed side, Reflov	v	UL: 300 V / 15 A			
		solder connection, 5.08					
		mm, No. of poles: 2, 90°,					
		Solder pin length (I): 3.2 mm, tinned, Black, Box					
177500200	1 SL-SMT 5.08/02/90G 1.5SN BK BX	PCB plug-in connector, male4032248156023 100 pc(s).			IEC: 400 V / 19 A	Box	
		header, closed side, Reflov	v		UL: 300 V / 15 A		
		solder connection, 5.08					
		mm, No. of poles: 2, 90°,					
		Solder pin length (I): 1.5					
		mm, tinned, Black, Box					

SL-SMT 5.08/90 Tape



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

- 400 V (IEC) / 300 V (UL)
- 19 A (IEC) / 15 A (UL)

Order No.	Туре	Version	GTIN (EAN)	Qty.	Product data	Packaging	
182116000	O SL-SMT 5.08/02/90 1.5 SN BK RL	PCB plug-in connector, male4032248319800350 pc(s).			IEC: 400 V / 19 A	Tape	
		header, open side, Reflow			UL: 300 V / 15 A		
		solder connection, 5.08					
		mm, No. of poles: 2, 90°,					
		Solder pin length (I): 1.5					
		mm, tinned, Black, Tape					