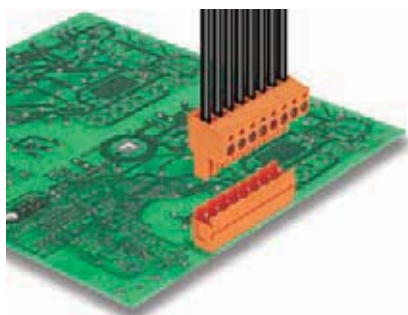


Male connectors with solder connection

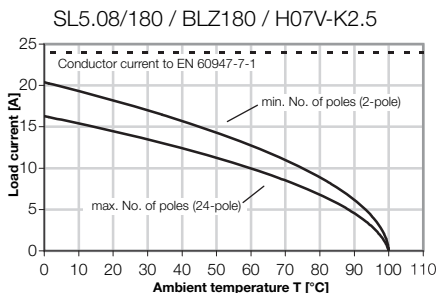
SL 5.08/180 SL 5.00/180



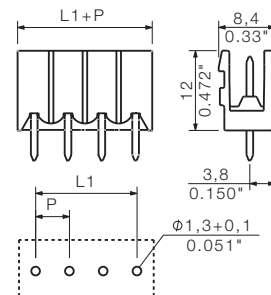
Male connector with straight outlet. Available with open or closed sides. Fixing blocks can be attached to the closed version. The solder pin length has been optimised for wave soldering applications. The male connectors provide space for labelling and can be coded. Packed in cardboard box.

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

Derating curve



SL 5.08/180 SL 5.00/180



Technical data

Rated data to IEC 60664-1 / IEC 61984

Clamping range, max.	mm ²
Solid H05(07) V-U	mm ²
Stranded H07 V-R	mm ²
Flexible H05(07) V-K	mm ²
Flexible with ferrule	mm ²
Ferrule with plastic collar	mm ²
Stripping length	mm
Screwdriver blade	mm
according to norm	
Tightening torque range	Nm

Rated current

at ambient temperature	20°C	40°C
A	18	15

Overvoltage category

III	III	II
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Pollution severity

3	2	2
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Rated voltage	V	250	320	400
Rated impulse voltage	kV	4	4	4

UL 1059 rated data

	B	C	D
Nominal voltage	V	300	300
Rated current	A	15	10
AWG conductor			

CSA C22.2 rated data

	B	C	D
Rated voltage	V	300	300
Rated current	A	15	10
AWG conductor			

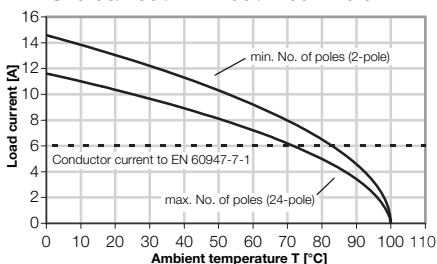
Material data

Type of insulating material	PBT
Flammability class acc. UL94	V-0
Contact base material	CuSn
Material of contact surface	tinned

Information

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section and min. No. of poles.
- P on drg. = 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.

SL5.08/180 / BLZ180 / H05V-K0.5



Ordering data

Solder pin length	3.2 mm
Colour of plastic	orange

Pitch 5.08 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.08	(0.200)	100	1517260000	
3	10.16	(0.400)	100	1517360000	
4	15.24	(0.600)	100	1517460000	
5	20.32	(0.800)	50	1517560000	
6	25.40	(1.000)	50	1517660000	
7	30.48	(1.200)	50	1517760000	
8	35.56	(1.400)	50	1517860000	
9	40.64	(1.600)	50	1517960000	
10	45.72	(1.800)	50	1518060000	
11	50.80	(2.000)	50	1518160000	
12	55.88	(2.200)	50	1518260000	
13	60.96	(2.400)	50	1518360000	
14	66.04	(2.600)	50	1518460000	
15	71.12	(2.800)	50	1518560000	
16	76.20	(3.000)	50	1518660000	
17	81.28	(3.200)	20	1518760000	
18	86.36	(3.400)	20	1518860000	
19	91.44	(3.600)	20	1518960000	
20	96.52	(3.800)	20	1519060000	
21	101.60	(4.000)	20	1519160000	
22	106.68	(4.200)	20	1519260000	
23	111.76	(4.400)	20	1519360000	
24	116.84	(4.600)	20	1519460000	

Pitch 5.00 mm

Poles	L1 mm	(inch)	Qty.	Order No.	Order No.
2	5.00	(0.197)	100	1581320000	
3	10.00	(0.394)	100	1581330000	
4	15.00	(0.591)	100	1581340000	
5	20.00	(0.787)	50	1581350000	
6	25.00	(0.984)	50	1581360000	
7	30.00	(1.181)	50	1581370000	
8	35.00	(1.378)	50	1581380000	
9	40.00	(1.575)	50	1581390000	
10	45.00	(1.772)	50	1581400000	
11	50.00	(1.969)	50	1581410000	
12	55.00	(2.165)	50	1581420000	
13	60.00	(2.362)	50	1581430000	
14	65.00	(2.559)	50	1581440000	
15	70.00	(2.756)	50	1581450000	
16	75.00	(2.953)	50	1581460000	
17	80.00	(3.150)	20	1581470000	
18	85.00	(3.346)	20	1581480000	
19	90.00	(3.543)	20	1581490000	
20	95.00	(3.740)	20	1581500000	
21	100.00	(3.937)	20	1581510000	
22	105.00	(4.134)	20	1581520000	
23	110.00	(4.331)	20	1581530000	
24	115.00	(4.528)	20	1581540000	

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