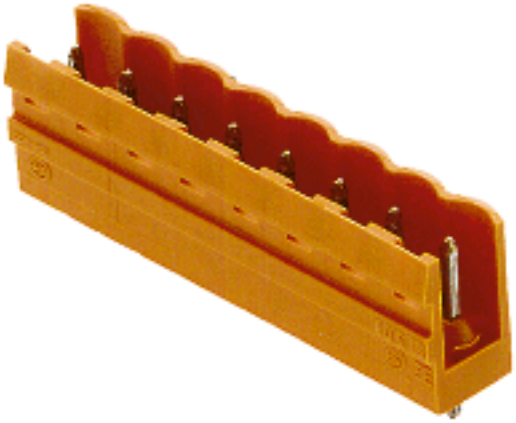
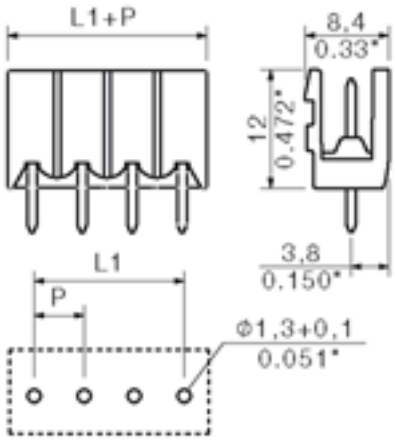




General ordering data	
Order No.	1581330000
Part designation	SL 5.00/3/180 3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box
EAN	4008190120085
Qty.	100 pc(s).

System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	3
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	10 mm
L1 in inch	0.394 inch
Electric shock protection to DIN VDE 0470	IP20 plugged

System parameters	
Electric shock protection to DIN VDE 0470	Safe from finger touch, plugged

Material data	
Insulating material	PBT
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
Contact base material	CuSn
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	18 A
Rated current, max. No. pins (Tu=20°C)	14.5 A
Rated current, min. No. pins(Tu=40°C)	15 A
Rated current, max. No. pins (Tu=40°C)	12 A
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Short-time withstand current resistance	3 x 1s with 120 A

CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

UL 1059 rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

Approvals

Approvals institutes

Downloads

CAD Library (P-CAD Format - Standard)	SL.LIB

Classifications

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	27-26-07-01
eClass 5.0	27-26-07-01
eClass 5.1	27-26-07-04

Similar products

Order No.	Part designation	Version
1581320000	SL 5.00/2/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1581340000	SL 5.00/4/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1581350000	SL 5.00/5/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1581360000	SL 5.00/6/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1581370000	SL 5.00/7/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1581380000	SL 5.00/8/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1581390000	SL 5.00/9/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1581400000	SL 5.00/10/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1581410000	SL 5.00/11/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1581420000	SL 5.00/12/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box

1581430000	SL 5.00/13/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1581440000	SL 5.00/14/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1581450000	SL 5.00/15/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1581460000	SL 5.00/16/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1581470000	SL 5.00/17/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 17, 180°, Box
1581480000	SL 5.00/18/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1581490000	SL 5.00/19/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 19, 180°, Box
1581500000	SL 5.00/20/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1581510000	SL 5.00/21/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 21, 180°, Box
1581520000	SL 5.00/22/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1581530000	SL 5.00/23/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 23, 180°, Box
1581540000	SL 5.00/24/180 3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box