







General ordering data	
Order No.	1629180000
Part designation	SL 7.50/7/180B3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 7, 180°, Box
EAN	4008190201982
Qty.	50 pc(s).

Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	7.5 mm
Pitch in inch	0.295 inch
No. of poles	7
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	45 mm
L1 in inch	1.772 inch
Insulation resistance	1 ΜΩ

	Safe from finger touch, plugged
Material data	
<u> </u>	PBT
	orange
colour chart	Similar to RAL 2000
5 5 1	Illa
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
	55 °C
Max. relative humidity during storage	80 %
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DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	18.5 A
Rated current, max. No. pins (Tu=20°C)	17 A
Rated current, min. No. pins(Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	14.5 A
Rated voltage for overvoltage class/pollution	500 V
severity III/3	
Rated impulse withstand voltage for overvoltage	6 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	630 V
severity III/2	
Rated impulse withstand voltage for overvoltage	6 kV
class/pollution severity III/2	
	800 V
severity II/2	
	6 kV
class/pollution severity II/2	
	3 x 1s with 120 A
CSA rating data	
Rated voltage (Use group D)	300 V
	10 A
UL 1059 rating data	
<b>-</b>	300 V
<b>5</b> \ <b>5</b> \ <b>1</b> \ <i>7</i>	10 A



## Approvals

## Approvals institutes





Downloads	
CAD Library (P-CAD Format - Standard)	SL.LIB
A. 140 (1	
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

1629130000	SL 7.50/2/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 2, 180°, Box
1629140000	SL 7.50/3/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 3, 180°, Box
1629150000	SL 7.50/4/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 4, 180°, Box
1629160000	SL 7.50/5/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 5, 180°, Box
1629170000	SL 7.50/6/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 6, 180°, Box
1629190000	SL 7.50/8/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 8, 180°, Box
1629200000	SL 7.50/9/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 9, 180°, Box
1629210000	SL 7.50/10/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 10, 180°, Box
1629220000	SL 7.50/11/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 11, 180°, Box
1629230000	SL 7.50/12/180B3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 7.50 mm, No. of poles: 12, 180°, Box

