







General ordering data	
Order No.	1607520000
Part designation	SL 3.5/4/180F3.2SN OR
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
EAN	4008190039097
Qty.	100 pc(s).

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Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	4
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	10.5 mm
L1 in inch	0.413 inch
Insulation resistance	1 ΜΩ



System parameters	
Electric shock protection to DIN VDE 0470	IP 10
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch
Electric check protection to Bit VBE 0470	Care from back of fland todoff
Material data	
Insulating material	PBT
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	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
Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	17 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated current, min. No. pins(Tu=40°C)	14.5 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated voltage for overvoltage class/pollution	160 V
severity III/3	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	160 V
severity III/2	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	320 V
severity II/2	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity II/2	
Short-time withstand current resistance	3 x 1s with 100 A
CSA rating data	
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
UL 1059 rating data	000.14
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
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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

1607500000	SL 3.5/2/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box
1607510000	SL 3.5/3/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box
1607530000	SL 3.5/5/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box
1607540000	SL 3.5/6/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1607550000	SL 3.5/7/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 7, 180°, Box
1607560000	SL 3.5/8/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1607570000	SL 3.5/9/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 9, 180°, Box
1607580000	SL 3.5/10/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1607590000	SL 3.5/11/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 11, 180°, Box
1607600000	SL 3.5/12/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box



1607610000	SL 3.5/13/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 13, 180°, Box
1607620000	SL 3.5/14/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1607630000	SL 3.5/15/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 15, 180°, Box
1607640000	SL 3.5/16/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1622180000	SL 3.5/17/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 17, 180°, Box
1622190000	SL 3.5/18/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1622200000	SL 3.5/19/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 19, 180°, Box
1622210000	SL 3.5/20/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1622220000	SL 3.5/21/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 21, 180°, Box
1622230000	SL 3.5/22/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1622240000	SL 3.5/23/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 23, 180°, Box
1622250000	SL 3.5/24/180F3.2SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box