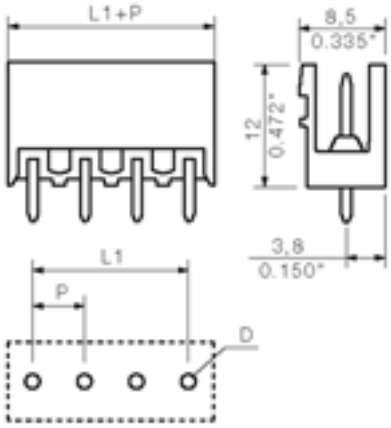




General ordering data	
Order No.	1841070000
Part designation	SL-SMT5.00/16/180 3.2SN SW BOX
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
EAN	4032248351954
Qty.	50 pc(s).

System parameters	
Fitted to PCB	Reflow solder connection
Outgoing elbow	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	16
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	1
Fitting hole tolerance	+ 0.1 mm
L1 in mm	75 mm
L1 in inch	2.953 inch
Insulation resistance	1 MΩ

Material data	
Insulating material	LCP GF
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 175
Contact base material	CuSn
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100
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)	19 A
Rated current, max. No. pins (Tu=20°C)	15 A
Rated current, min. No. pins(Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	13 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

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

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
1796480000	SL-SMT5.00/2/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1840920000	SL-SMT5.00/2/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1796490000	SL-SMT5.00/3/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1840930000	SL-SMT5.00/3/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1796500000	SL-SMT5.00/4/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1840940000	SL-SMT5.00/4/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1796510000	SL-SMT5.00/5/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1840950000	SL-SMT5.00/5/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1796520000	SL-SMT5.00/6/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1840960000	SL-SMT5.00/6/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1796530000	SL-SMT5.00/7/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1840970000	SL-SMT5.00/7/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Box

1796540000	SL-SMT5.00/8/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1840980000	SL-SMT5.00/8/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1796550000	SL-SMT5.00/9/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1840990000	SL-SMT5.00/9/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1796560000	SL-SMT5.00/10/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1841000000	SL-SMT5.00/10/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1796570000	SL-SMT5.00/11/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1841020000	SL-SMT5.00/11/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1796580000	SL-SMT5.00/12/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1841030000	SL-SMT5.00/12/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1796590000	SL-SMT5.00/13/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1841040000	SL-SMT5.00/13/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1796600000	SL-SMT5.00/14/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1841050000	SL-SMT5.00/14/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1796610000	SL-SMT5.00/15/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1841060000	SL-SMT5.00/15/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1796620000	SL-SMT5.00/16/180 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 16, 180°, Box
1841080000	SL-SMT5.00/17/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 17, 180°, Box
1841090000	SL-SMT5.00/18/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 18, 180°, Box
1841100000	SL-SMT5.00/19/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 19, 180°, Box
1841110000	SL-SMT5.00/20/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 20, 180°, Box
1841120000	SL-SMT5.00/21/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 21, 180°, Box
1841130000	SL-SMT5.00/22/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 22, 180°, Box
1841140000	SL-SMT5.00/23/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 23, 180°, Box
1841150000	SL-SMT5.00/24/180 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 24, 180°, Box