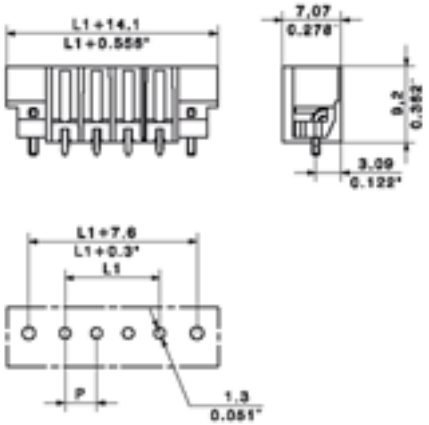




General ordering data	
Order No.	1863380000
Part designation	SL-SMT3.81/10/180LF3.2SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box
EAN	4032248428618
Qty.	50 pc(s).

System parameters	
Fitted to PCB	Reflow solder connection
Outgoing elbow	180°
Pitch	3.81 mm
Pitch in inch	0.15 inch
No. of poles	10
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	34.29 mm
L1 in inch	1.35 inch
Insulation resistance	1 MΩ
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

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	Copper alloy

Material data	
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	120 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	85 %

DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	16 A
Rated current, min. No. pins(Tu=40°C)	14 A
Rated voltage for overvoltage class/pollution severity III/3	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated voltage for overvoltage class/pollution severity II/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 76 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

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

Classifications

Similar products

Order No.	Part designation	Version
1864070000	SL-SMT3.81/2/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
1863230000	SL-SMT3.81/2/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
1864080000	SL-SMT3.81/3/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1863250000	SL-SMT3.81/3/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1864090000	SL-SMT3.81/4/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1863260000	SL-SMT3.81/4/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1864100000	SL-SMT3.81/5/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1863280000	SL-SMT3.81/5/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1864110000	SL-SMT3.81/6/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1863300000	SL-SMT3.81/6/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1864120000	SL-SMT3.81/7/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1863310000	SL-SMT3.81/7/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1864130000	SL-SMT3.81/8/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1863340000	SL-SMT3.81/8/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1864140000	SL-SMT3.81/9180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1863360000	SL-SMT3.81/9/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1864150000	SL-SMT3.81/10/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box
1864160000	SL-SMT3.81/11/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1863390000	SL-SMT3.81/11/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1864170000	SL-SMT3.81/12/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1863410000	SL-SMT3.8112/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1864180000	SL-SMT3.81/13/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box

1863430000	SL-SMT3.81/13/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box
1864190000	SL-SMT3.81/14/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1863440000	SL-SMT3.81/14/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1864200000	SL-SMT3.81/15/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1863460000	SL-SMT3.81/15/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1864210000	SL-SMT3.81/16/180LF1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box
1863480000	SL-SMT3.81/16/180LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box