



General ordering data

Order No.	1863290000
Part designation	SL-SMT3.81/10/180G3.2SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box
EAN	4032248427482
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
1863720000	SL-SMT3.81/2/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
1862920000	SL-SMT3.81/2/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 2, 180°, Box
1863730000	SL-SMT3.81/3/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1862940000	SL-SMT3.81/3/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 3, 180°, Box
1863750000	SL-SMT3.81/4/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1862950000	SL-SMT3.81/4/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 4, 180°, Box
1863780000	SL-SMT3.81/5/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1863010000	SL-SMT3.81/5/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 5, 180°, Box
1863830000	SL-SMT3.81/6/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1863020000	SL-SMT3.81/6/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 6, 180°, Box
1863880000	SL-SMT3.81/7/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1863030000	SL-SMT3.81/7/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 7, 180°, Box
1863900000	SL-SMT3.81/8/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1863240000	SL-SMT3.81/8/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 8, 180°, Box
1863910000	SL-SMT3.81/9/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1863270000	SL-SMT3.81/9/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 9, 180°, Box
1863920000	SL-SMT3.81/10/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 10, 180°, Box
1863930000	SL-SMT3.81/11/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1863320000	SL-SMT3.81/11/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 11, 180°, Box
1863940000	SL-SMT3.81/12/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1863330000	SL-SMT3.81/12/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 12, 180°, Box
1863950000	SL-SMT3.81/13/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box

1863350000	SL-SMT3.81/13/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 13, 180°, Box
1863960000	SL-SMT3.81/14/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1863370000	SL-SMT3.81/14/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 14, 180°, Box
1864030000	SL-SMT3.81/15/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1863400000	SL-SMT3.81/15/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 15, 180°, Box
1864040000	SL-SMT3.81/16/180G1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box
1863420000	SL-SMT3.81/16/180G3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 16, 180°, Box