



#### General ordering data

Order No.	1862810000
Part designation	SL-SMT3.81/2/90G3.2SR
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Tape
EAN	4032248427772
Qty.	400 pc(s).

#### System parameters

Fitted to PCB	Reflow solder connection
Outgoing elbow	90°
Pitch	3.81 mm
Pitch in inch	0.15 inch
No. of poles	2
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	1

#### System parameters

No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	3.81 mm
L1 in inch	0.15 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
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

### Similar products

Order No.	Part designation	Version
1863140000	SL-SMT3.81/2/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 2, 90°, Tape
1863150000	SL-SMT3.81/3/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Tape
1862840000	SL-SMT3.81/3/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 3, 90°, Tape
1863160000	SL-SMT3.81/4/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Tape
1862860000	SL-SMT3.81/4/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 4, 90°, Tape
1863170000	SL-SMT3.81/5/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Tape
1862870000	SL-SMT3.81/5/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 5, 90°, Tape
1863180000	SL-SMT3.81/6/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Tape
1862880000	SL-SMT3.81/6/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 6, 90°, Tape
1862890000	SL-SMT3.81/7/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 7, 90°, Tape
1863200000	SL-SMT3.81/8/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Tape
1862900000	SL-SMT3.81/8/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 8, 90°, Tape
1863210000	SL-SMT3.81/9/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Tape

1862910000	SL-SMT3.81/9/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 9, 90°, Tape
1863220000	SL-SMT3.81/10/90G1.5SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Tape
1862930000	SL-SMT3.81/10/90G3.2SR	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.81 mm, No. of poles: 10, 90°, Tape