



General ordering data

Order No.	1797910000
Part designation	SL-SMT5.00/6/180G 1.5SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 6, 180°, Tape
EAN	4032248239917
Qty.	250 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	6
Solder pin length	1.5 mm
Can be coded	Yes
No. of rows	1

System parameters

No. of solder pins per pole	1
Fitting hole tolerance	+ 0.1 mm
L1 in mm	25 mm
L1 in inch	0.984 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
1797870000	SL-SMT5.00/2/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 2, 180°, Tape
1797880000	SL-SMT5.00/3/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 3, 180°, Tape
1797890000	SL-SMT5.00/4/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 4, 180°, Tape
1797900000	SL-SMT5.00/5/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 5, 180°, Tape
1797920000	SL-SMT5.00/7/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 5.00 mm, No. of poles: 7, 180°, Tape