



Order No. 1794810000

Part designation S2L-SMT3.5/30/180 SN

Version PCB plug-in connector, Male connectors, Reflow

solder connection, Pitch: 3.50 mm, No. of poles:

30, 180°, Box

EAN 4032248231997

Qty. 20 pc(s).

## System parameters

Fitted to PCB Reflow solder connection 180° Outgoing elbow Pitch 3.5 mm Pitch in inch 0.138 inch No. of poles 30 Solder pin length 3.5 mm Can be coded Yes No. of rows No. of solder pins per pole 1 1.3 mm Dia. of fitting hole + 0.1 mm Fitting hole tolerance L1 in mm 49 mm L1 in inch 1.929 inch Electric shock protection to DIN VDE 0470 IP 10 Safe from back-of-hand touch Electric shock protection to DIN VDE 0470

Material data

Insulating material LCP GF
Colour black
colour chart Similar to RAL

colour chart Similar to RAL 9011
Insulating material group IIIb

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.	100
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	93 %
DIN IEC rating data	
Rated current, min. No. pins (Tu=20°C)	10 A
Rated current, max. No. pins (Tu=20°C)	10 A
Rated current, min. No. pins(Tu=40°C)	9 A
Rated current, max. No. pins (Tu=40°C)	8.5 A
Rated voltage for overvoltage class/pollution	50 V
severity III/3	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity III/3	
Rated voltage for overvoltage class/pollution	125 V
severity III/2	
Rated impulse withstand voltage for overvoltage	1.5 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	160 V
severity II/2	
Rated impulse withstand voltage for overvoltage	1.5 kV
class/pollution severity II/2	
Short-time withstand current resistance	3 x 1s with 77 A
CSA rating data	
Rated voltage (Use group D)	50 V
Rated current (Use group D)	5 A
III 4050 action data	
UL 1059 rating data	450.1/
Rated voltage (Use group D)	150 V
Rated current (Use group D)	10 A

## Approvais

Approvals institutes



Downloads	
CAD Library (P-CAD Format - Standard)	S2L-SMT.LIB
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	27-26-07-01



## Similar products

Order No.		
1794690000	S2L-SMT3.5/6/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1794700000	S2L-SMT3.5/8/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1794710000	S2L-SMT3.5/10/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1794720000	S2L-SMT3.5/12/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1794730000	S2L-SMT3.5/14/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1794740000	S2L-SMT3.5/16/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1794750000	S2L-SMT3.5/18/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1794760000	S2L-SMT3.5/20/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1794770000	S2L-SMT3.5/22/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1794780000	S2L-SMT3.5/24/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1794790000	S2L-SMT3.5/26/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 26, 180°, Box
1794800000	S2L-SMT3.5/28/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 28, 180°, Box
1794820000	S2L-SMT3.5/32/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 32, 180°, Box
1794830000	S2L-SMT3.5/34/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 34, 180°, Box
1794840000	S2L-SMT3.5/36/180 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 36, 180°, Box

