



1794410000 Order No. Part designation S2L-SMT3.5/14/90 SN

Version PCB plug-in connector, Male connectors, Reflow

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

14, 90°, Box

EAN 4032248231591

Qty. 50 pc(s).

Fitted to PCB Reflow solder connection

90° Outgoing elbow Pitch 3.5 mm Pitch in inch 0.138 inch No. of poles 14 Solder pin length 3.2 mm Can be coded Yes No. of rows No. of solder pins per pole 1 1.3 mm Dia. of fitting hole Fitting hole tolerance + 0.1 mm

L1 in mm 21 mm L1 in inch 0.827 inch

Electric shock protection to DIN VDE 0470 IP 10

Safe from back-of-hand touch Electric shock protection to DIN VDE 0470

Insulating material LCP GF Colour black

colour chart Similar to RAL 9011

Insulating material group IIIb Flammability class UL 94 V-0 >= 175 Contact base material Copper alloy Contact surface tinned





BB = 6 = 2 - 1 -1 -6 -	
Material data	05.00
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 severity III/3	50 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Rated voltage for overvoltage class/pollution severity III/2	125 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	1.5 kV
Rated voltage for overvoltage class/pollution severity II/2	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	1.5 kV
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
UL 1059 rating data	
Rated voltage (Use group D)	150 V
Rated current (Use group D)	10 A
Traced current (Ose group D)	

Approvals

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.		
1794370000	S2L-SMT3.5/6/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1794380000	S2L-SMT3.5/8/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1794390000	S2L-SMT3.5/10/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box
1794400000	S2L-SMT3.5/12/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box
1794420000	S2L-SMT3.5/16/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1794430000	S2L-SMT3.5/18/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1794440000	S2L-SMT3.5/20/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1794450000	S2L-SMT3.5/22/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Box
1794460000	S2L-SMT3.5/24/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1794470000	S2L-SMT3.5/26/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box
1794480000	S2L-SMT3.5/28/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box
1794490000	S2L-SMT3.5/30/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 30, 90°, Box
1794500000	S2L-SMT3.5/32/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box
1794510000	S2L-SMT3.5/34/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box
1794520000	S2L-SMT3.5/36/90 SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box

