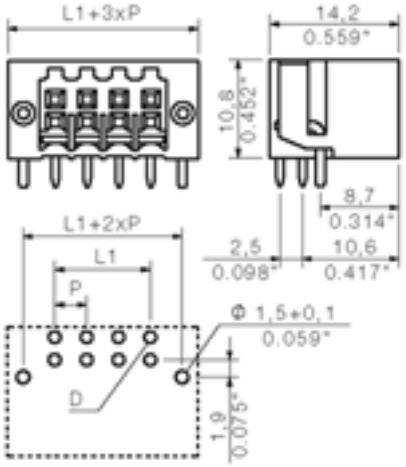




General ordering data	
Order No.	1794890000
Part designation	S2L-SMT3.5/12/90LF3.2SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 90°, Box
EAN	4032248232345
Qty.	50 pc(s).

System parameters	
Fitted to PCB	Reflow solder connection
Outgoing elbow	90°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	12
Solder pin length	3.2 mm
Can be coded	Yes
No. of rows	2
No. of solder pins per pole	1
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	17.5 mm
L1 in inch	0.689 inch
Electric shock protection to DIN VDE 0470	IP 10
Electric shock protection to DIN VDE 0470	Safe from back-of-hand touch

Material data	
Insulating material	LCP GF
Colour	black
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

Material data	
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

Approvals

Approvals institutes

Downloads

CAD Library (P-CAD Format - Standard)	S2L-SMT.LIB

Downloads

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.	Part designation	Version
1001300000	S2L-SMT3.5/04/90LF3.2SN SW	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 4, 90°, Box
1794860000	S2L-SMT3.5/6/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1794870000	S2L-SMT3.5/8/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1794880000	S2L-SMT3.5/10/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 90°, Box
1794900000	S2L-SMT3.5/14/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 90°, Box
1794910000	S2L-SMT3.5/16/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1794920000	S2L-SMT3.5/18/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1794930000	S2L-SMT3.5/20/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1794940000	S2L-SMT3.5/22/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Tape
1794950000	S2L-SMT3.5/24/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1794960000	S2L-SMT3.5/26/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Tape
1794970000	S2L-SMT3.5/28/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box
1794980000	S2L-SMT3.5/30/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 30, 90°, Box
1794990000	S2L-SMT3.5/32/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box
1795000000	S2L-SMT3.5/34/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box
1795010000	S2L-SMT3.5/36/90LF3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box