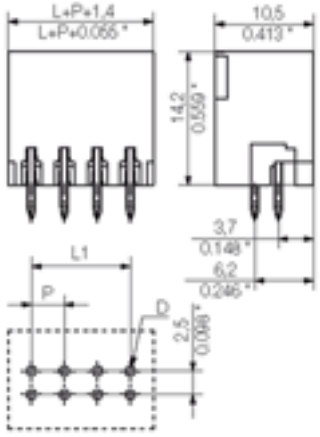




General ordering data	
Order No.	1728960000
Part designation	S2L 3.5/8/180G3.5SN SW
Version	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
EAN	4032248040391
Qty.	50 pc(s).

System parameters	
Fitted to PCB	Soldered connection
Outgoing elbow	180°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	8
Solder pin length	3.5 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	10.5 mm
L1 in inch	0.413 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	PBT
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200
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	80 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	2.5 kV
Rated voltage for overvoltage class/pollution severity II/2	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 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)	7 A

Approvals

Approvals institutes

Downloads

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

Classifications

ETIM 2.0	NK

Classifications	
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
1728790000	S2L 3.5/6/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1728950000	S2L 3.5/6/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1756320000	S2L 3.5/6/180G3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1728800000	S2L 3.5/8/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1728810000	S2L 3.5/10/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1728970000	S2L 3.5/10/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1756340000	S2L 3.5/10/180G3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1728820000	S2L 3.5/12/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1728980000	S2L 3.5/12/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1756350000	S2L 3.5/12/180G3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1728830000	S2L 3.5/14/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1728990000	S2L 3.5/14/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1728840000	S2L 3.5/16/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1729000000	S2L 3.5/16/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1756530000	S2L 3.5/16/180G3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1728850000	S2L 3.5/18/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1729010000	S2L 3.5/18/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1756380000	S2L 3.5/18/180G3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1728860000	S2L 3.5/20/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1729020000	S2L 3.5/20/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box

1756390000	S2L 3.5/20/180G3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1728870000	S2L 3.5/22/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1729030000	S2L 3.5/22/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1728880000	S2L 3.5/24/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1729040000	S2L 3.5/24/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1728890000	S2L 3.5/26/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 180°, Box
1728900000	S2L 3.5/28/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 180°, Box
1728910000	S2L 3.5/30/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 30, 180°, Box
1728920000	S2L 3.5/32/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 180°, Box
1728930000	S2L 3.5/34/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 34, 180°, Box
1729100000	S2L 3.5/36/180G3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 180°, Box
1728940000	S2L 3.5/36/180G3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 180°, Box