

General ordering data

Order No. Part designation Version

EAN Qty.

System parameters

Fitted to PCB Outgoing elbow Pitch Pitch in inch No. of poles Solder pin length Can be coded No. of rows No. of solder pins per pole Dia. of fitting hole Dia. of fitting hole Fitting hole tolerance L1 in mm L1 in inch Electric shock protection to DIN VDE 0470 Electric shock protection to DIN VDE 0470

Material data

Insulating material Colour colour chart Insulating material group Flammability class UL 94 CTI Contact base material Contact surface 1728610000 S2L 3.5/34/90F 3.5SN OR PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box 4032248040070 20 pc(s).

Soldered connection 90° 3.5 mm 0.138 inch 34 3.5 mm Yes 2 1 1.3 mm + 0.1 mm 56 mm 2.205 inch IP 10 Safe from back-of-hand touch PBT orange Similar to RAL 2000 Illa V-0



>= 200

tinned

Copper alloy



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	80 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	2.5 kV
class/pollution severity III/2	
Rated voltage for overvoltage class/pollution	250 V
severity II/2	
Rated impulse withstand voltage for overvoltage	2.5 kV
class/pollution severity II/2	
Short-time withstand current resistance	3 x 1s with 77 A
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
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
1728470000	S2L 3.5/6/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1728630000	S2L 3.5/6/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1756000000	S2L 3.5/6/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1756160000	S2L 3.5/6/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 6, 90°, Box
1728480000	S2L 3.5/8/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1728640000	S2L 3.5/8/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1756010000	S2L 3.5/8/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 8, 90°, Box
1728490000	S2L 3.5/10/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection,
1728650000	S2L 3.5/10/90F 3.5SN SW	Pitch: 3.50 mm, No. of poles: 10, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1756020000	S2L 3.5/10/90F 3.5AU OR	Pitch: 3.50 mm, No. of poles: 10, 90°, Box PCB plug-in connector, Male connectors, Soldered connection, Bitch: 3.50 mm, No. of poles: 10, 90°, Box
1756180000	S2L 3.5/10/90F 3.5AU SW	Pitch: 3.50 mm, No. of poles: 10, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1728500000	S2L 3.5/12/90F 3.5SN OR	Pitch: 3.50 mm, No. of poles: 10, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1728660000	S2L 3.5/12/90F 3.5SN SW	Pitch: 3.50 mm, No. of poles: 12, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1756190000	S2L 3.5/12/90F 3.5AU SW	Pitch: 3.50 mm, No. of poles: 12, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1728510000	S2L 3.5/14/90F 3.5SN OR	Pitch: 3.50 mm, No. of poles: 12, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1728670000	S2L 3.5/14/90F 3.5SN SW	Pitch: 3.50 mm, No. of poles: 14, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1728520000	S2L 3.5/16/90F 3.5SN OR	Pitch: 3.50 mm, No. of poles: 14, 90°, Box PCB plug-in connector, Male connectors, Soldered connection,
1728680000	S2L 3.5/16/90F 3.5SN SW	Pitch: 3.50 mm, No. of poles: 16, 90°, Box PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1756050000	S2L 3.5/16/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1756210000	S2L 3.5/16/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 16, 90°, Box
1728530000	S2L 3.5/18/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1728690000	S2L 3.5/18/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1756060000	S2L 3.5/18/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 18, 90°, Box
1728540000	S2L 3.5/20/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
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1728700000	S2L 3.5/20/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1756070000	S2L 3.5/20/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1756230000	S2L 3.5/20/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 20, 90°, Box
1728550000	S2L 3.5/22/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Box
1756240000	S2L 3.5/22/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 22, 90°, Box
1728560000	S2L 3.5/24/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1728720000	S2L 3.5/24/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1756090000	S2L 3.5/24/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1756250000	S2L 3.5/24/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 24, 90°, Box
1728570000	S2L 3.5/26/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box
1756100000	S2L 3.5/26/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box
1756260000	S2L 3.5/26/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 26, 90°, Box
1728580000	S2L 3.5/28/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box
1728740000	S2L 3.5/28/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 28, 90°, Box
1728590000	S2L 3.5/30/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 30, 90°, Box
1728600000	S2L 3.5/32/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box
1728760000	S2L 3.5/32/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box
1756130000	S2L 3.5/32/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 32, 90°, Box
1756300000	S2L 3.5/34/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 34, 90°, Box
1728620000	S2L 3.5/36/90F 3.5SN OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box
1728780000	S2L 3.5/36/90F 3.5SN SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box
1756150000	S2L 3.5/36/90F 3.5AU OR	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box
1756310000	S2L 3.5/36/90F 3.5AU SW	PCB plug-in connector, Male connectors, Soldered connection, Pitch: 3.50 mm, No. of poles: 36, 90°, Box

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