



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



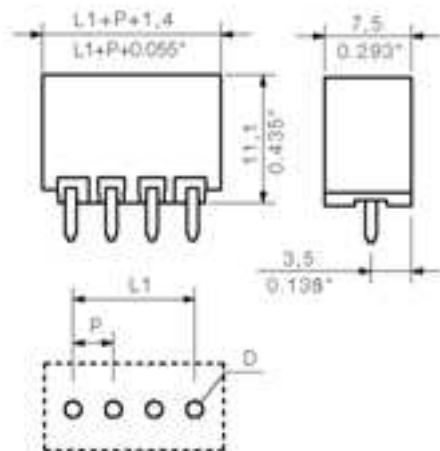
## Contact us

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#### General ordering data

Order No.	1753082001
Part designation	SL-SMT3.5/12/180G 1.5SN
Version	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
EAN	4032248130986
Qty.	50 pc(s).

#### System parameters

Fitted to PCB	Reflow solder connection
Outgoing elbow	180°
Pitch	3.5 mm
Pitch in inch	0.138 inch
No. of poles	12
Solder pin length	1.5 mm
Can be coded	Yes
No. of rows	1
No. of solder pins per pole	1
Dia. of fitting hole	1.4 mm
Fitting hole tolerance	+ 0.1 mm
L1 in mm	38.5 mm
L1 in inch	1.516 inch
Insulation resistance	1 MΩ

#### System parameters

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	IIIa
Flammability class UL 94	V-0
CTI	>= 175
Temperature of glow-wire test	960 °C
Duration of glow-wire test	30 S
Contact base material	CuSn
Contact surface	tinned
Constant operating temp., min.	-25 °C
Constant operating temp., max.	100 °C
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	15 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated current, min. No. pins (Tu=40°C)	13 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated voltage for overvoltage class/pollution severity III/3	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	2.5 kV
Rated voltage for overvoltage class/pollution severity III/2	160 V
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	2.5 kV
Rated voltage for overvoltage class/pollution severity II/2	320 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	2.5 kV
Short-time withstand current resistance	3 x 1s with 100 A

#### CSA rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

#### UL 1059 rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A



### Approvals

Approvals institutes



### Downloads

CAD Library (P-CAD Format - Standard) SL-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	27-26-07-04

### Similar products

Order No.	Part designation	Version
1752982001	SL-SMT3.5/2/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box
1842320000	SL-SMT3.5/2/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 2, 180°, Box
1752992001	SL-SMT3.5/3/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box
1842330000	SL-SMT3.5/3/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 3, 180°, Box
1753002001	SL-SMT3.5/4/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1842340000	SL-SMT3.5/4/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 4, 180°, Box
1753012001	SL-SMT3.5/5/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box
1842350000	SL-SMT3.5/5/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 5, 180°, Box
1753022001	SL-SMT3.5/6/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box
1842360000	SL-SMT3.5/6/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 6, 180°, Box

1753032001	SL-SMT3.5/7/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 7, 180°, Box
1842370000	SL-SMT3.5/7/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 7, 180°, Box
1753042001	SL-SMT3.5/8/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1842380000	SL-SMT3.5/8/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 8, 180°, Box
1753052001	SL-SMT3.5/9/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 9, 180°, Box
1842390000	SL-SMT3.5/9/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 9, 180°, Box
1753062001	SL-SMT3.5/10/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1836990000	SL-SMT3.5/10/180G 3.2SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 10, 180°, Box
1753072001	SL-SMT3.5/11/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 11, 180°, Box
1842400000	SL-SMT3.5/11/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 11, 180°, Box
1842410000	SL-SMT3.5/12/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 12, 180°, Box
1753092001	SL-SMT3.5/13/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 13, 180°, Box
1842420000	SL-SMT3.5/13/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 13, 180°, Box
1753102001	SL-SMT3.5/14/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1842430000	SL-SMT3.5/14/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 14, 180°, Box
1753112001	SL-SMT3.5/15/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 15, 180°, Box
1842440000	SL-SMT3.5/15/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 15, 180°, Box
1753122001	SL-SMT3.5/16/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1842450000	SL-SMT3.5/16/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 16, 180°, Box
1753132001	SL-SMT3.5/17/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 17, 180°, Box
1842460000	SL-SMT3.5/17/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 17, 180°, Box
1753142001	SL-SMT3.5/18/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1842470000	SL-SMT3.5/18/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 18, 180°, Box
1753152001	SL-SMT3.5/19/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 19, 180°, Box
1842480000	SL-SMT3.5/19/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 19, 180°, Box
1753162001	SL-SMT3.5/20/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box

1842490000	SL-SMT3.5/20/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 20, 180°, Box
1753172001	SL-SMT3.5/21/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 21, 180°, Box
1842500000	SL-SMT3.5/21/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 21, 180°, Box
1753182001	SL-SMT3.5/22/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1842510000	SL-SMT3.5/22/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 22, 180°, Box
1753192001	SL-SMT3.5/23/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 23, 180°, Box
1842520000	SL-SMT3.5/23/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 23, 180°, Box
1753202001	SL-SMT3.5/24/180G 1.5SN	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box
1842530000	SL-SMT3.5/24/180G 3.2SN SW BOX	PCB plug-in connector, Male connectors, Reflow solder connection, Pitch: 3.50 mm, No. of poles: 24, 180°, Box