



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!



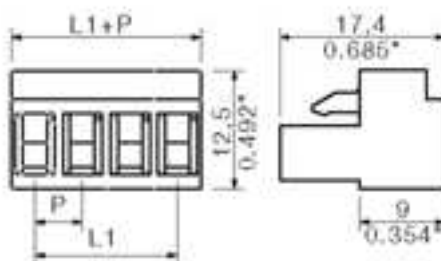
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





#### General ordering data

Order No.	1730740000
Part designation	BL 5.00/6 SN SW
Version	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
EAN	4008190387297
Qty.	50 pc(s).

#### System parameters

Conductor connection system	Leaf spring connection
Outgoing direction of conductor	180°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	6
No. of rows	1
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	6 mm
L1 in mm	25 mm
L1 in inch	0.984 inch
Electric shock protection to DIN VDE 0470	IP 00

#### Material data

Insulating material	PA
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	I
Flammability class UL 94	V-2
CTI	>= 200
Contact base material	CuSn
Contact surface	tinned

#### Connectable conductors

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.08 mm <sup>2</sup>
AWG, min.	26
AWG, max.	14
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	1 mm <sup>2</sup>
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm;

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	14 A
Rated current, max. No. pins (Tu=20°C)	12 A
Rated current, min. No. pins (Tu=40°C)	12 A
Rated current, max. No. pins (Tu=40°C)	10 A
Rated voltage for overvoltage class/pollution severity II/2	400 V
Rated voltage for overvoltage class/pollution severity III/2	320 V
Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV

#### CSA rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	14

#### UL 1059 rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor, min.	26
AWG conductor, max.	14

#### Approvals

Approvals institutes





#### 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
1762770000	BL 5.00/2 SN GR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1723110000	BL 5.00/2 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1730700000	BL 5.00/2 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 2, 180°, Box
1723120000	BL 5.00/3 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1730710000	BL 5.00/3 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 3, 180°, Box
1762790000	BL 5.00/4 SN GR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1723130000	BL 5.00/4 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1730720000	BL 5.00/4 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 4, 180°, Box
1723140000	BL 5.00/5 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1730730000	BL 5.00/5 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 5, 180°, Box
1723150000	BL 5.00/6 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 6, 180°, Box
1723160000	BL 5.00/7 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 7, 180°, Box
1730750000	BL 5.00/7 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 7, 180°, Box

1723170000	BL 5.00/8 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1730760000	BL 5.00/8 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 8, 180°, Box
1723180000	BL 5.00/9 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1730770000	BL 5.00/9 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 9, 180°, Box
1723190000	BL 5.00/10 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1730780000	BL 5.00/10 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 10, 180°, Box
1723200000	BL 5.00/11 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1730790000	BL 5.00/11 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 11, 180°, Box
1723210000	BL 5.00/12 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1730800000	BL 5.00/12 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 12, 180°, Box
1723220000	BL 5.00/13 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1730810000	BL 5.00/13 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 13, 180°, Box
1723230000	BL 5.00/14 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1730820000	BL 5.00/14 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 14, 180°, Box
1723240000	BL 5.00/15 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1730830000	BL 5.00/15 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 15, 180°, Box
1723250000	BL 5.00/16 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.00 mm, No. of poles: 16, 180°, Box

1730840000 BL 5.00/16 SN SW

PCB plug-in connector, Female connectors, Leaf spring connection,  
Clamping range, max.: 2.08 mm<sup>2</sup>, Pitch: 5.00 mm, No. of poles: 16,  
180°, Box