



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!



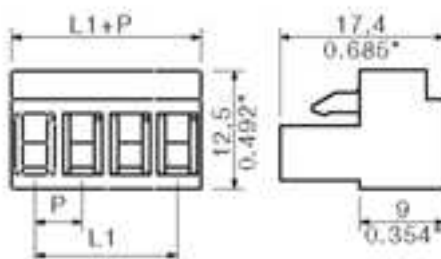
## Contact us

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.	1716340000
Part designation	BL 5.08/4 SN OR
Version	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
EAN	4008190376376
Qty.	100 pc(s).

#### System parameters

Conductor connection system	Leaf spring connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	4
No. of rows	1
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	6 mm
L1 in mm	15.24 mm
L1 in inch	0.6 inch
Electric shock protection to DIN VDE 0470	IP 00

#### Material data

Insulating material	PA
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	I
Flammability class UL 94	V-2
CTI	>= 200
Contact base material	CuSn
Contact surface	tinned

## Material data

### 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	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 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.	0.2 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 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
1716320000	BL 5.08/2 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1716470000	BL 5.08/2 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1723830000	BL 5.08/2 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1716330000	BL 5.08/3 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1716480000	BL 5.08/3 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1723840000	BL 5.08/3 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1716490000	BL 5.08/4 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1723850000	BL 5.08/4 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1716350000	BL 5.08/5 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box

1716500000	BL 5.08/5 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1723860000	BL 5.08/5 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1716360000	BL 5.08/6 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1716510000	BL 5.08/6 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1723870000	BL 5.08/6 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1716370000	BL 5.08/7 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1716520000	BL 5.08/7 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1723880000	BL 5.08/7 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1716380000	BL 5.08/8 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1716530000	BL 5.08/8 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1723890000	BL 5.08/8 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box
1716390000	BL 5.08/9 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1716540000	BL 5.08/9 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1723900000	BL 5.08/9 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1716400000	BL 5.08/10 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1716550000	BL 5.08/10 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1723910000	BL 5.08/10 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box

1716410000	BL 5.08/11 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1716560000	BL 5.08/11 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1716420000	BL 5.08/12 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1716570000	BL 5.08/12 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1723930000	BL 5.08/12 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
1716430000	BL 5.08/13 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1716580000	BL 5.08/13 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1716440000	BL 5.08/14 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1716590000	BL 5.08/14 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1723950000	BL 5.08/14 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1716450000	BL 5.08/15 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1716600000	BL 5.08/15 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1716460000	BL 5.08/16 SN OR	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1716610000	BL 5.08/16 SN SW	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1723970000	BL 5.08/16 SN GN	PCB plug-in connector, Female connectors, Leaf spring connection, Clamping range, max.: 2.08 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box