



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

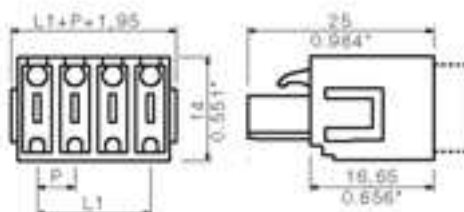
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

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







#### General ordering data

Order No.	1759600000
Part designation	BLIDC 5.08/12B0.75SN OR
Version	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
EAN	4032248069835
Qty.	50 pc(s).

#### System parameters

Conductor connection system	IDC terminal
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	12
No. of rows	1
L1 in mm	55.88 mm
L1 in inch	2.2 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

#### Material data

Insulating material	PBT
Colour	orange



#### Material data

colour chart	Similar to RAL 2000
Insulating material group	IIIa
Contact base material	CuSn
Contact surface	tinned

#### Connectable conductors

Clamping range, min.	0.32 mm <sup>2</sup>
Clamping range, max.	0.75 mm <sup>2</sup>
AWG, min.	22
AWG, max.	20
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	0.75 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	0.75 mm <sup>2</sup>

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	11 A
Rated current, max. No. pins (Tu=20°C)	9 A
Rated current, min. No. pins (Tu=40°C)	9 A
Rated current, max. No. pins (Tu=40°C)	7.5 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
Short-time withstand current resistance	1 x 1s with 90 A

#### CSA rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	8 A
AWG conductor (field wiring), min.	22
AWG conductor (field wiring), max.	20

#### UL 1059 rating data

Rated voltage (Use group D)	300 V
Rated current (Use group D)	5 A
AWG conductor, min.	22
AWG conductor, max.	20



## 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
1759500000	BLIDC 5.08/2B0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1759610000	BLIDC 5.08/2B0.75 SN SW	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1759630000	BLIDC 5.08/4B0.75 SN SW	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1759540000	BLIDC 5.08/6B0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1759650000	BLIDC 5.08/6B0.75 SN SW	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1759550000	BLIDC 5.08/7B0.75 SN OR	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1759670000	BLIDC 5.08/8B0.75 SN SW	PCB plug-in connector, Female connectors, IDC terminal, Clamping range, max.: 0.75 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box