



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!



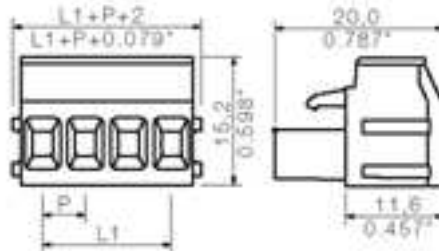
## Contact us

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#### General ordering data

Order No.	1357060000
Part designation	BLA 12B SN OR
Version	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 180°, Box
EAN	4008190080921
Qty.	50 pc(s).

#### System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	12
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	7 mm
L1 in mm	55.88 mm
L1 in inch	2.2 inch
Electric shock protection to DIN VDE 0470	Finger-safe unplugged/ back-of-hand-safe plugged

#### Material data

Insulating material	PBT GF
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	IIIa
Flammability class UL 94	V-0
CTI	>= 200

#### Material data

Contact base material	CuSn
Contact surface	tinned

#### Connectable conductors

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	3.32 mm <sup>2</sup>
AWG, min.	28
AWG, max.	16
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 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.	1.5 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)	17.5 A
Rated current, max. No. pins (Tu=20°C)	12.5 A
Rated current, min. No. pins (Tu=40°C)	16 A
Rated current, max. No. pins (Tu=40°C)	11 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	3 x 1s with 100 A

#### 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.	12

#### 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.	12

### 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
1356060000	BLA 2B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 180°, Box
1356160000	BLA 3B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 180°, Box
1356260000	BLA 4B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 180°, Box
1356360000	BLA 5B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 180°, Box
1356460000	BLA 6B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 180°, Box
1356560000	BLA 7B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 180°, Box
1356660000	BLA 8B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 180°, Box

1356760000	BLA 9B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 180°, Box
1356860000	BLA 10B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 180°, Box
1356960000	BLA 11B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 180°, Box
1357160000	BLA 13B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 180°, Box
1357260000	BLA 14B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 180°, Box
1357360000	BLA 15B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 180°, Box
1357460000	BLA 16B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 180°, Box
1357560000	BLA 17B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 180°, Box
1357660000	BLA 18B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 180°, Box
1357760000	BLA 19B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 180°, Box
1357860000	BLA 20B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 180°, Box
1357960000	BLA 21B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 180°, Box
1358060000	BLA 22B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 180°, Box
1358160000	BLA 23B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 180°, Box
1358260000	BLA 24B SN OR	PCB plug-in connector, Female connectors, Clamping yoke connection, Clamping range, max.: 3.32 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 180°, Box