



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!



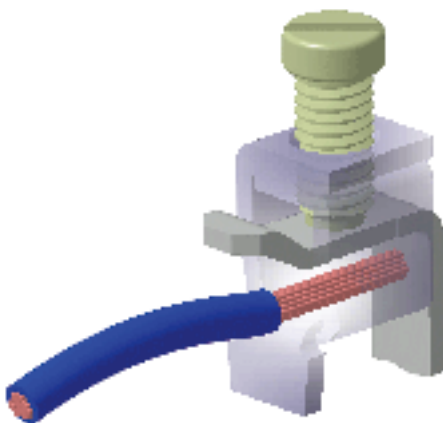
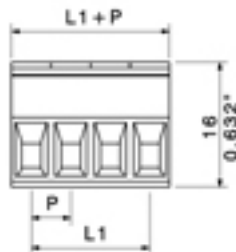
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#### General ordering data

Order No.	1954420000
Part designation	BLZP 5.00/09/180 SN OR BX
Version	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 9, 180°, Box
EAN	4032248633135
Qty.	45 pc(s).
Packaging	Box

#### System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	180°
Pitch in mm	5 mm
Pitch in inch	0.197 inch
No. of poles	9
No. of rows	1
Screwdriver blade	0.6 x 3.5

#### System parameters

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	40 mm
L1 in inch	1.575 inch
Electric shock protection to DIN VDE 57 106	Safe from finger touch

#### Material data

Insulating material	PBT
Colour	Orange
Flammability class UL 94	V-0
CTI	>= 200
Contact material	Copper alloy
Contact surface	tinned
Contact base material	Copper alloy

#### Connectable conductors

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Conductor connection cross-section AWG, min.	AWG 26
Conductor connection cross-section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	4 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm <sup>2</sup>
with wire end ferrule, DIN 46228 pt 1, max.	4 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm <sup>2</sup>
with plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm <sup>2</sup>
Gauge to EN 60999 a x b; ø	2.8 mm x 2.4 mm

#### DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	19 A
Rated current, max. No. of poles (Tu=20°C)	15.5 A
Rated current, no. of poles (Tu=40°C), min.	16 A
Rated current, no. of poles (Tu=40°C), max.	13 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 at overvoltage category/pollution degree 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 120 A



#### DIN IEC rating data

#### CSA rating data

Rated voltage (Use group B)	300 V
Rated current (use group B)	10 A
Rated voltage (Use group C)	50 V
Rated voltage (use group D)	300 V
Rated current (use group D)	10 A
Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12

#### UL 1059 rating data

Rated voltage (use group B)	300 V
Rated current (use group B)	10 A
Rated voltage (use group C)	50 V
Rated voltage	300 V
Rated current	10 A
Wire cross-section, AWG, min.	AWG 26
Wire cross-section, AWG, max.	AWG 12

#### Approvals

Approvals institutes	CURUS
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#### Classifications

eClass 6.0	27-26-07-08
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#### Notes

Notes

#### Similar products

Order No.	Part designation	Version
1954470000	BLZP 5.00/04/180 SN OR BX	
1954350000	BLZP 5.00/16/180 SN OR BX	
1954490000	BLZP 5.00/02/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 2, 180°, Box
1954480000	BLZP 5.00/03/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 3, 180°, Box
1954460000	BLZP 5.00/05/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 5, 180°, Box
1954450000	BLZP 5.00/06/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 6, 180°, Box
1954440000	BLZP 5.00/07/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 7, 180°, Box
1954430000	BLZP 5.00/08/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 8, 180°, Box
1954410000	BLZP 5.00/10/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 10, 180°, Box
1954400000	BLZP 5.00/11/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 11, 180°, Box

1954390000	BLZP 5.00/12/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 12, 180°, Box
1954380000	BLZP 5.00/13/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 13, 180°, Box
1954370000	BLZP 5.00/14/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 14, 180°, Box
1954360000	BLZP 5.00/15/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 15, 180°, Box
1954330000	BLZP 5.00/17/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 17, 180°, Box
1954320000	BLZP 5.00/18/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 18, 180°, Box
1954310000	BLZP 5.00/19/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 19, 180°, Box
1954300000	BLZP 5.00/20/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 20, 180°, Box
1954290000	BLZP 5.00/21/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 21, 180°, Box
1954280000	BLZP 5.00/22/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 22, 180°, Box
1954270000	BLZP 5.00/23/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 23, 180°, Box
1954260000	BLZP 5.00/24/180 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5 mm, No. of poles: 24, 180°, Box