



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!



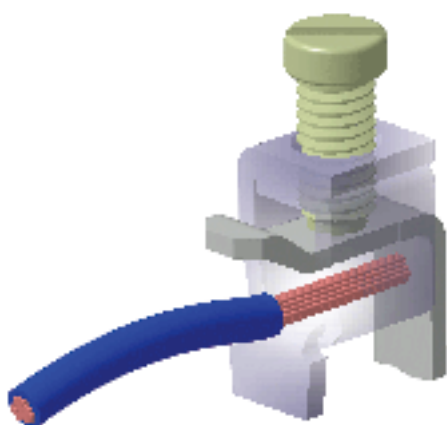
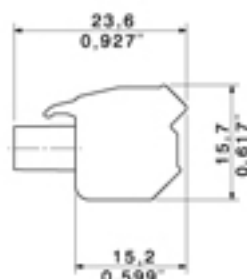
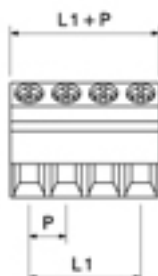
## Contact us

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.	1946580000
Part designation	BLZP 5.08/04/225 SN BK BX
Version	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 4, 225°, Box
EAN	4032248622351
Qty.	90 pc(s).
Packaging	Box

#### System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	225°
Pitch in mm	5.08 mm
Pitch in inch	0.2 inch
No. of poles	4
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	15.24 mm
L1 in inch	0.6 inch
Electric shock protection to DIN VDE 57 106	Safe from finger touch

#### Material data

Insulating material	PBT
Colour	black
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)	17.5 A
Rated current, max. No. of poles (Tu=20°C)	14 A
Rated current, no. of poles (Tu=40°C), min.	14 A
Rated current, no. of poles (Tu=40°C), max.	12 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

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#### Similar products

Order No.	Part designation	Version
1946250000	BLZP 5.08/02/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 2, 225°, Box
1946260000	BLZP 5.08/03/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 3, 225°, Box
1946270000	BLZP 5.08/04/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 4, 225°, Box
1946280000	BLZP 5.08/05/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 5, 225°, Box
1946290000	BLZP 5.08/06/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 6, 225°, Box
1946300000	BLZP 5.08/07/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 7, 225°, Box
1946310000	BLZP 5.08/08/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 8, 225°, Box
1946320000	BLZP 5.08/09/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 9, 225°, Box
1946330000	BLZP 5.08/10/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 10, 225°, Box

1946340000	BLZP 5.08/11/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 11, 225°, Box
1946350000	BLZP 5.08/12/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 12, 225°, Box
1946360000	BLZP 5.08/13/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 13, 225°, Box
1946370000	BLZP 5.08/14/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 14, 225°, Box
1946380000	BLZP 5.08/15/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 15, 225°, Box
1946390000	BLZP 5.08/16/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 16, 225°, Box
1946400000	BLZP 5.08/17/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 17, 225°, Box
1946410000	BLZP 5.08/18/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 18, 225°, Box
1946420000	BLZP 5.08/19/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 19, 225°, Box
1946430000	BLZP 5.08/20/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 20, 225°, Box
1946440000	BLZP 5.08/21/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 21, 225°, Box
1946450000	BLZP 5.08/22/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 22, 225°, Box
1946460000	BLZP 5.08/23/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 23, 225°, Box
1946480000	BLZP 5.08/24/225 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm <sup>2</sup> , Pitch in mm: 5.08 mm, No. of poles: 24, 225°, Box