



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!



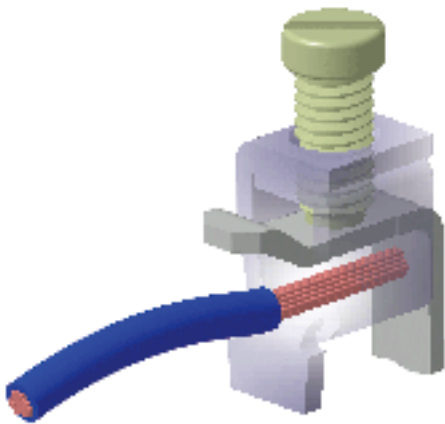
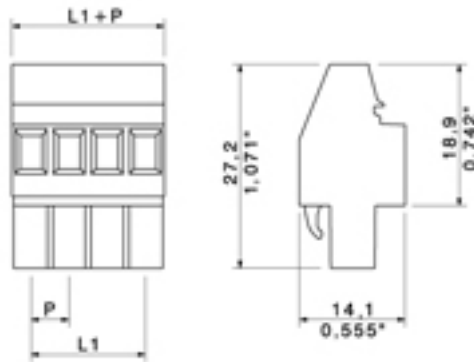
Contact us

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.	1949180000
Part designation	BLZP 5.08/18/270 SN BK BX
Version	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 18, 90°, Box
EAN	4032248626632
Qty.	18 pc(s).
Packaging	Box

System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	90°
Pitch in mm	5.08 mm
Pitch in inch	0.2 inch
No. of poles	18
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	86.36 mm
L1 in inch	3.4 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 ²
Clamping range, max.	4 mm ²
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 ²
Solid, max. H05(07) V-U	4 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	4 mm ²
w. wire end ferrule, DIN 46228 pt 1, min	0.2 mm ²
with wire end ferrule, DIN 46228 pt 1, max.	4 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.2 mm ²
with plastic collar ferrule, DIN 46228 pt 4, max.	2.5 mm ²
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)	15.5 A
Rated current, max. No. of poles (Tu=20°C)	13 A
Rated current, no. of poles (Tu=40°C), min.	12 A
Rated current, no. of poles (Tu=40°C), max.	10.5 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 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
1948790000	BLZP 5.08/02/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 2, 90°, Box
1948800000	BLZP 5.08/03/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 3, 90°, Box
1948810000	BLZP 5.08/04/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 4, 90°, Box
1948820000	BLZP 5.08/05/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 5, 90°, Box
1948830000	BLZP 5.08/06/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 6, 90°, Box
1948840000	BLZP 5.08/07/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 7, 90°, Box
1948850000	BLZP 5.08/08/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 8, 90°, Box
1948860000	BLZP 5.08/09/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 9, 90°, Box
1948870000	BLZP 5.08/10/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 10, 90°, Box

1948880000	BLZP 5.08/11/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 11, 90°, Box
1948890000	BLZP 5.08/12/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 12, 90°, Box
1948900000	BLZP 5.08/13/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 13, 90°, Box
1948910000	BLZP 5.08/14/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 14, 90°, Box
1948920000	BLZP 5.08/15/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 15, 90°, Box
1948930000	BLZP 5.08/16/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 16, 90°, Box
1948940000	BLZP 5.08/17/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 17, 90°, Box
1948950000	BLZP 5.08/18/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 18, 90°, Box
1948960000	BLZP 5.08/19/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 19, 90°, Box
1948970000	BLZP 5.08/20/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 20, 90°, Box
1948980000	BLZP 5.08/21/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 21, 90°, Box
1948990000	BLZP 5.08/22/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 22, 90°, Box
1949000000	BLZP 5.08/23/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 23, 90°, Box
1949010000	BLZP 5.08/24/270 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5.08 mm, No. of poles: 24, 90°, Box