



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!



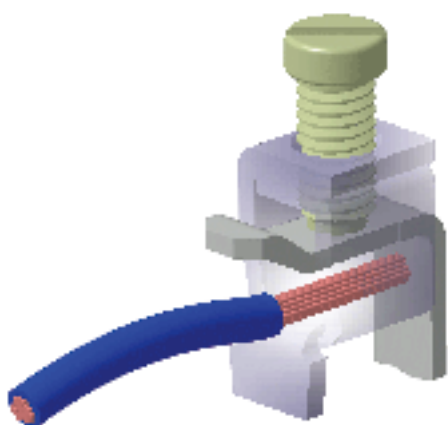
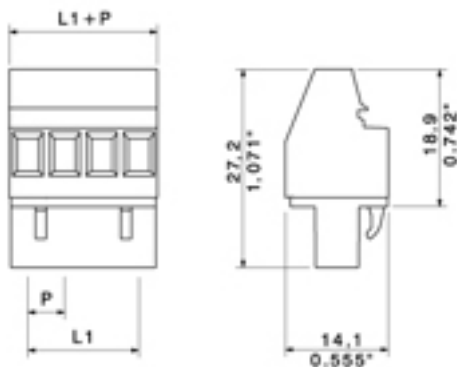
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General ordering data

Order No.	1957850000
Part designation	BLZP 5.00/20/90 SN OR BX
Version	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 20, 90°, Box
EAN	4032248636983
Qty.	18 pc(s).
Packaging	Box

System parameters

Conductor connection system	Clamping yoke connection
Outgoing direction of conductor	90°
Pitch in mm	5 mm
Pitch in inch	0.197 inch
No. of poles	20
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	95 mm
L1 in inch	3.74 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 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
1958300000	BLZP 5.00/02/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 2, 90°, Box
1958290000	BLZP 5.00/03/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 3, 90°, Box
1958280000	BLZP 5.00/04/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 4, 90°, Box
1958270000	BLZP 5.00/05/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 5, 90°, Box
1958260000	BLZP 5.00/06/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 6, 90°, Box
1958250000	BLZP 5.00/07/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 7, 90°, Box
1958230000	BLZP 5.00/08/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 8, 90°, Box
1958190000	BLZP 5.00/09/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 9, 90°, Box
1958160000	BLZP 5.00/10/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 10, 90°, Box

1958130000	BLZP 5.00/11/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 11, 90°, Box
1958120000	BLZP 5.00/12/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 12, 90°, Box
1958090000	BLZP 5.00/13/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 13, 90°, Box
1958060000	BLZP 5.00/14/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 14, 90°, Box
1958040000	BLZP 5.00/15/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 15, 90°, Box
1957960000	BLZP 5.00/16/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 16, 90°, Box
1957910000	BLZP 5.00/17/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 17, 90°, Box
1957900000	BLZP 5.00/18/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 18, 90°, Box
1957880000	BLZP 5.00/19/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 19, 90°, Box
1957830000	BLZP 5.00/21/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 21, 90°, Box
1957820000	BLZP 5.00/22/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 22, 90°, Box
1957800000	BLZP 5.00/23/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 23, 90°, Box
1957780000	BLZP 5.00/24/90 SN OR BX	PCB plug-in connector, Clamping yoke connection, Clamping range, max.: 4 mm ² , Pitch in mm: 5 mm, No. of poles: 24, 90°, Box