



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



PCB terminal block - BC-508X14-10 GN - 5453473

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 10, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	100 STK
Custom tariff number	85369010
Country of origin	China

Technical data

Environmental Product Compliance

China RoHS	Hazardous substances above threshold values;
	Environmentally Friendly Use Period = 50;
	For details go to tab "Downloads", Category "Manufacturer's declaration"

Dimensions

Length	9.8 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	BC-X14
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV

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Technical data

General

Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	17.5 A
Nominal cross section	1.5 mm ²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

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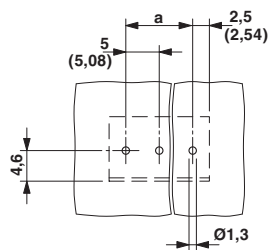
Technical data

Standards and Regulations

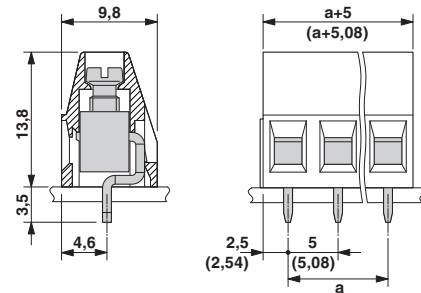
Flammability rating according to UL 94	V0
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Drawings

Drilling diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

Approvals

Approvals

Approvals


UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECCE CB Scheme / cULus Recognized

Ex Approvals


Approval details

PCB terminal block - BC-508X14-10 GN - 5453473


Approvals

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 60425


	B	D
mm ² /AWG/kcmil	30-14	30-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

cUL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 60425


	B	D
mm ² /AWG/kcmil	30-14	30-14
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

VDE Zeichengenehmigung  <http://www.vde.de> 40042618

mm ² /AWG/kcmil	0.14-1.5
Nominal current IN	17.5 A
Nominal voltage UN	400 V

IECEE CB Scheme  <http://www.iecee.org/> DE1-55876

mm ² /AWG/kcmil	0.14-2.5
Nominal current IN	17.5 A
Nominal voltage UN	400 V

cULus Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

Accessories

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Accessories

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip