



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



Data Sheet

RP034xxVBLN

Page 1/5

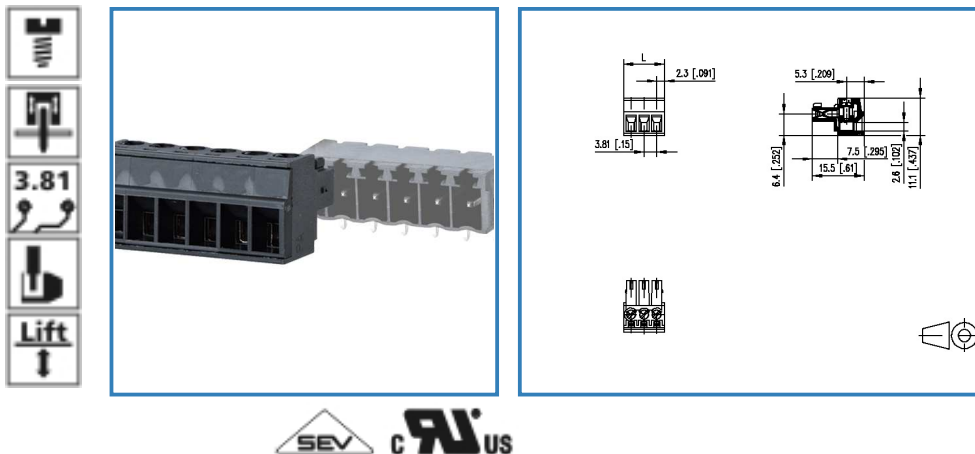
P/N

313691xx

xx=number of poles

2017/01/24

Illustration



see enlarged drawing at the end of the document

Product specification

- screw type terminal block, pluggable
- centerline 3.81 mm, direction of connection vertical 0°
- lift system
- color black
- wire entry codeable side perpendicular to plug direction



Data Sheet

RP034xxVBLN

Technical Data

General Data


Tightening torque SEV	0.25 Nm		
Tightening torque UL	3 lb-in		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	3.5 mm		
protection category	IP 20		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	250 V	630 V	630 V
Rated test voltage	4.0 kV	4.0 kV	4 kV

Connection data

Rated wiring solid wire	0.08 - 1.5 mm ² / AWG 28 - 16		
Rated wiring stranded wire	0.08 - 1.5 mm ² / AWG 22 - 16		

Approvals

 V / A / AWG	300 / 8 / 28 - 16		
--	-------------------	--	--

	9 A / 160 V / 2.5 kV / 3 / IEC 61984 / 0.08 - 1.5 mm ²		
--	---	--	--

Material

insulating material	PA66
flammability class	V0
contact material	CuSn
Glow-Wire Flammability GWFI	960
Glow-Wire Flammability GWIT	775
contact surface	Sn
terminal body material	CuZn
terminal body surface	Ni
screw surface	Zn Cr(VI)-frei/free
screw thread	M2

Climatic properties

upper limit temperature	105 °C
lower limit temperature	-40 °C



Data Sheet

RP034xxVBLN

Page 3/5

P/N

313691xx

xx=number of poles

2017/01/24

General

Tolerance	ISO 2768 -mH
-----------	--------------



Data Sheet

RP034xxVBLN

Page 4/5

P/N

313691xx

xx=number of poles

2017/01/24

Matching Part

P/N	Product name
311901	PR044xxHBBN Typ 190
311911	PR044xxVBBN Typ 191
313821	PT094xxHBBN Typ 382
313831	PT094xxVBBN Typ 383



METZ CONNECT GmbH

Im Tal 2 | 78176 Blumberg | Germany | www.metz-connect.com

Phone +49 7702 533-0 | Fax +49 7702 533-433

Montageanleitung / Mounting instruction siehe / see www.metz-connect.com

Members of METZ CONNECT



Data Sheet

RP034xxVBLN

Page 5/5

P/N

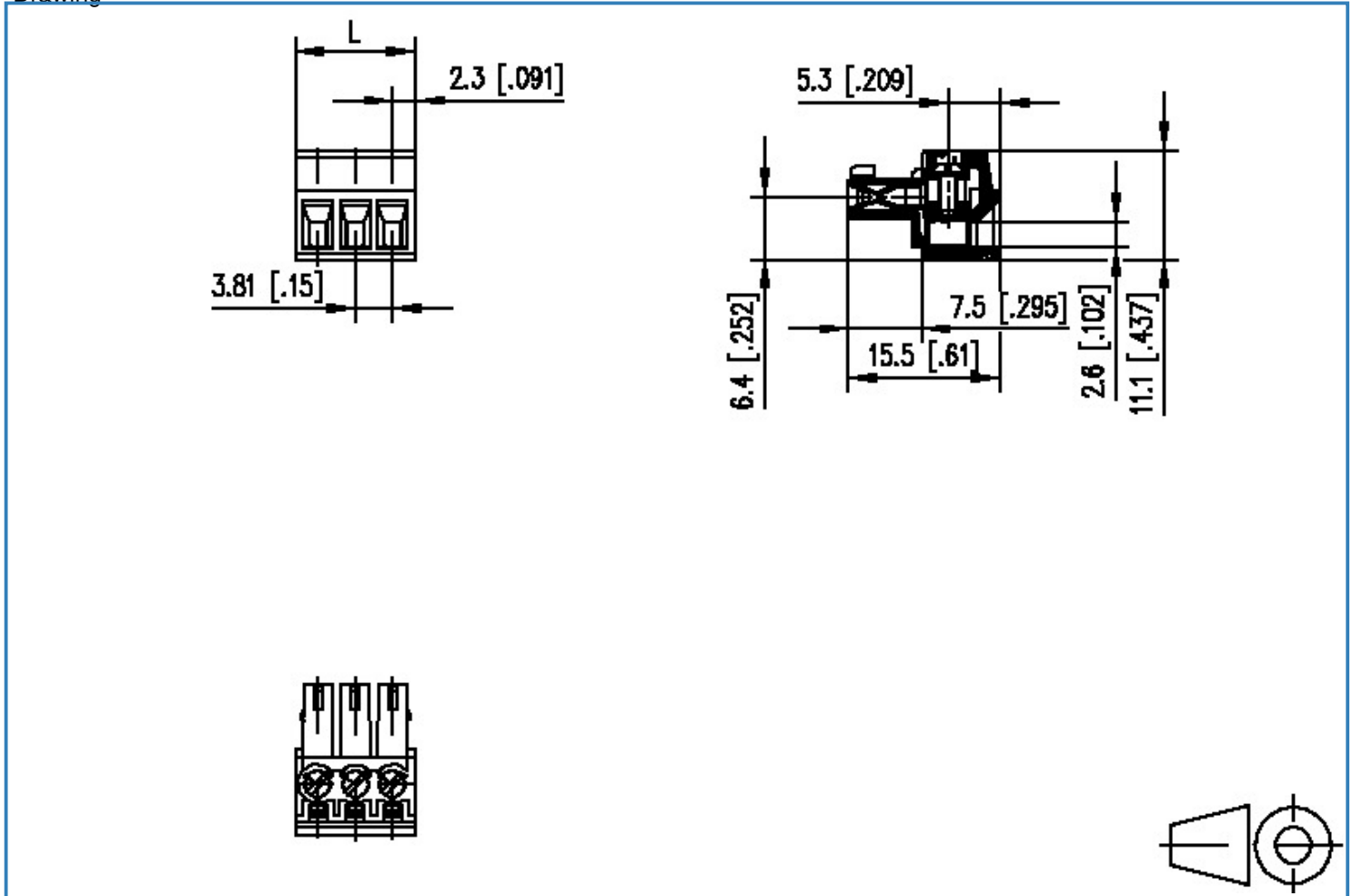
313691xx

xx=number of poles

2017/01/24

Illustration

Drawing



$$L = (\text{pole size} - 1) \times \text{centerline} + 4.6 [0.181]$$

