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

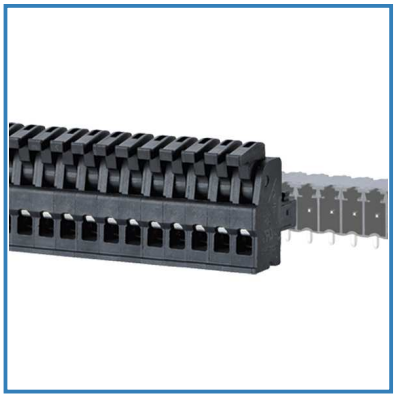
U | Contact

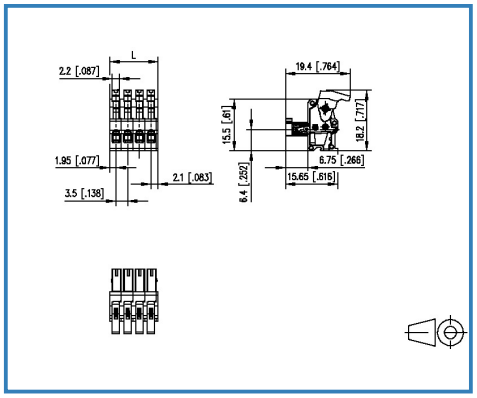
METZ CONNECT
We realize ideas

P/N
ASP043xx
xx=number of poles
2017/05/05

Data Sheet
SP043xxVBNN

Illustration





see enlarged drawing at the end of the document

Product specification

- spring clamp terminal block, pluggable
- centerline 3.50 mm, direction of connection vertical 0°
- color black
- eccentric lever, wire entry uncodeable side parallel to plug direction

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Data Sheet
SP043xxVBNN

Technical Data

General Data

min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 400		
clearance/creepage dist.	2.3 mm		
protection category	IP 20		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	32.0 V	200.0 V	200.0 V
Rated test voltage	1.5 kV	1.5 kV	1.5 kV

Connection data

Rated wiring solid wire	0.08 - 1.5 mm² / AWG 28 - 16
Rated wiring stranded wire	0.08 - 1.5 mm² / AWG 28 - 16

Approvals

c UL us V / A / AWG	150 / 10 / 28 - 16
SEV	10 A / 130 V / 2.5 kV / 3 / IEC 61984 / 0.08 - 1.5 mm²

Material

insulating material	PA46
flammability class	V0
spring material	Spring steel
contact material	CuSn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-
contact surface	Sn

Climatic properties

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

General

Tolerance	ISO 2768 -mH

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Data Sheet
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P/N
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xx=number of poles
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Data Sheet
SP043xxVBNN

Matching Part

P/N	Product name
311881	PR043xxHBBN Typ 188
311891	PR043xxVBBN Typ 189
313421	PT093xxHBBN Typ 342
313431	PT093xxVBBN Typ 343

Accessories

P/N	Product name
700025-01-9	700025

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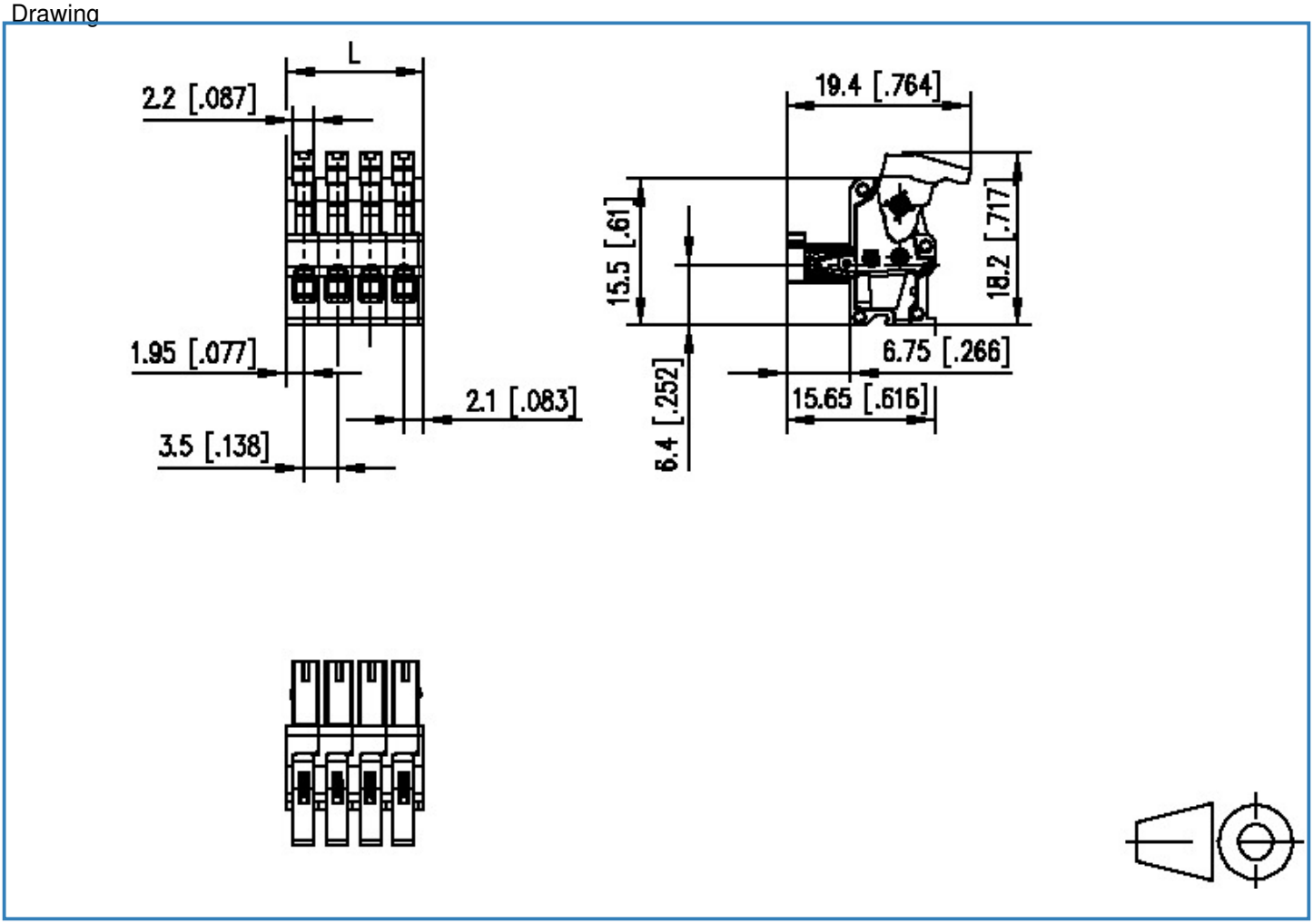
Data Sheet
SP043xxVBNN

Illustration

Drawing



L=(pole size - 1) x centerline + 4 [0.157]

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