



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

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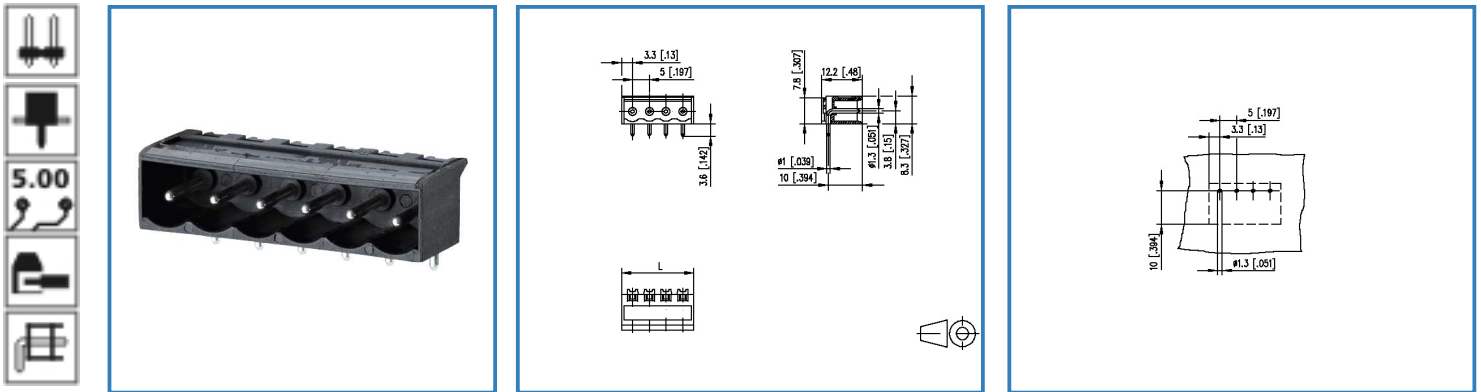
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Data Sheet

## PT045xxHBBN

### Illustration



see enlarged drawing at the end of the document

### Product specification

- pin header, solderable
- centerline 5.00 mm, direction of connection 90°
- closed ends
- color black



# Data Sheet



## PT045xxHBBN

### Technical Data

#### General Data

Solder pin length	3.6 mm		
min. number of poles	2		
max. number of poles	22		
Insulating material class	CTI 600		
clearance/creepage dist.	3.7 mm		
protection category	IP 00		
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

#### Approvals

 V / A	300 / 15
	10 A / 250 V / 4 kV / 3 / IEC 61984

#### Material

insulating material	PA66
flammability class	V0
Glow-Wire Flammability GWFI	960
Glow-Wire Flammability GWIT	775
contact pin material	CuZn
contact pin surface	Ni + Ag

#### Climatic properties

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

#### General

solderability	Acc. to JEDEC JESD22-B102E 245°C/5s
Tolerance	ISO 2768 -mH

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# Data Sheet

## PT045xxHBBN

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P/N

310301xx

xx=number of poles

2017/05/04

### Matching Part to

P/N	Product name
310091	RP015xxWBWC Typ 009
310101 (on request)	RP015xxWBNC Typ 010
310131	RP035xxIBLN Typ 013
310261	FT085xxVBFC Type 026
310491	RP015xxWBLC Typ 049
313481	RP085xxVBLC Typ 348
SP995XXVBNC	SP995xxVBNC

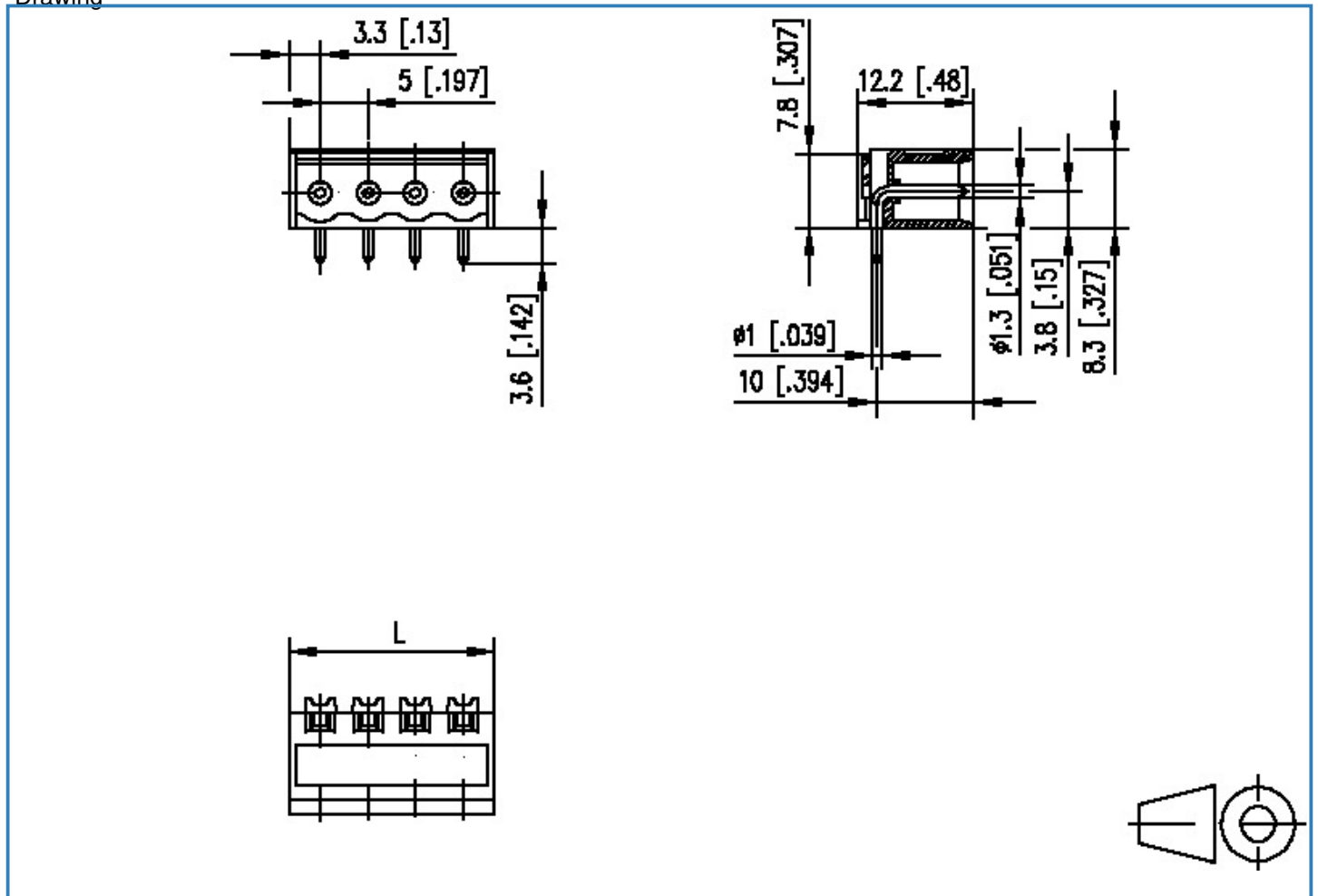


# Data Sheet

## PT045xxHBBN

### Illustration

Drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 6.6 [0.26]$

# Data Sheet

## PT045xxHBBN

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P/N

310301xx

xx=number of poles

2017/05/04

### PCB Layout

