



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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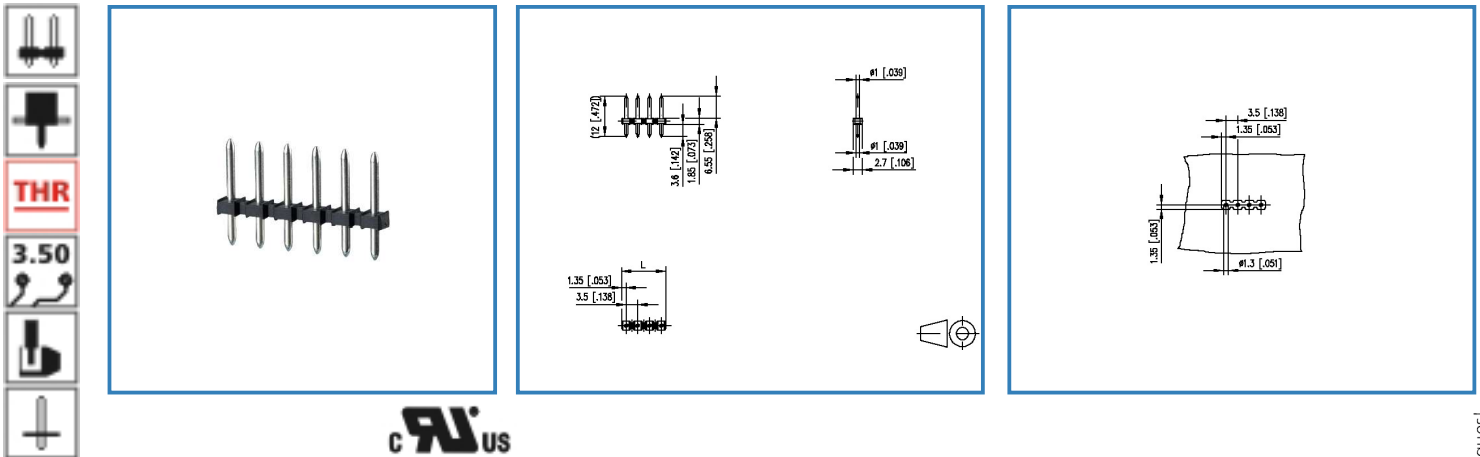
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# Data Sheet

## PR033xxVBHC

### Illustration



see enlarged drawing at the end of the document

### Product specification

- pin header, THR solderable
- centerline 3.50 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- Tape & Reel packaging

# Data Sheet


## PR033xxVBHC

### Technical Data

#### General Data

Solder pin length	3.6 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	2.5 mm		
protection category	IP 00		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	200 V	500 V	500 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

#### Approvals

 V / A	300 / 15
SEV Reg 130002	6 A / 200 V / 2.5 kV / 3 / IEC 61984

#### Material

insulating material	PA46
flammability class	V0
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-
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 IPC/JEDEC J-STD-020D-MSL 1
Tolerance	ISO 2768 -mH



# Data Sheet

## PR033xxVBHC

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P/N

312241xx

xx=number of poles

2017/05/04

### Matching Part to

P/N

Product name

311661

RP023xxHBWC Typ 166

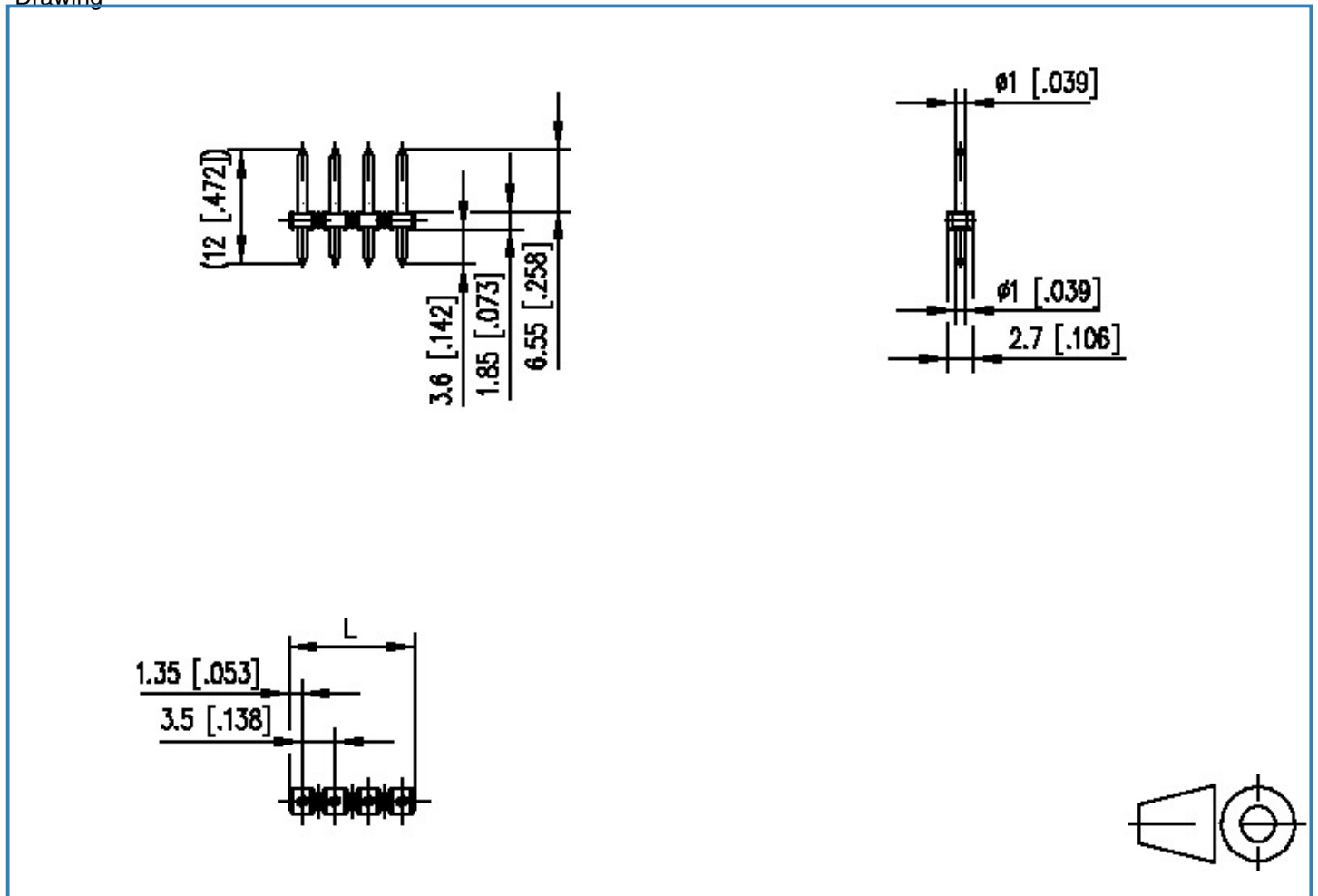


# Data Sheet

## PR033xxVBHC

### Illustration

#### Drawing



$$L = (\text{pole size} - 1) \times \text{centerline} + 2.7 [0.106]$$

# Data Sheet

## PR033xxVBHC

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P/N

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xx=number of poles

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### PCB Layout

