

# Terminal Block, Header

## STB1001V-5.08-XX

### Description

The STB1001V-5.08-XX is a Terminal Block Vertical Header with 5.08 mm pitch. The connector is available up to 24 poles and in both Horizontal and Vertical orientation.



### Typical applications

- Wire to Board
- Board to Wire



### Features

Mechanical Properties	Description
Connector Type	Header
Orientation	Vertical
Dimensions	$((\text{Poles} - 1) * 5.08 + 2.0) \times 8.6 \times 12.0 \text{ mm} \pm 0.2$
Operating Temperature Range	-40°C~+105°C
Max temperature soldering	+250°C, for 5 sec.
Pitch	5.08 mm
Poles	2-24 Poles
Insulator body	PA66, UL94V-0
Pin header	Brass, Tin plated

# Terminal Block, Header

## STB1001V-5.08-XX

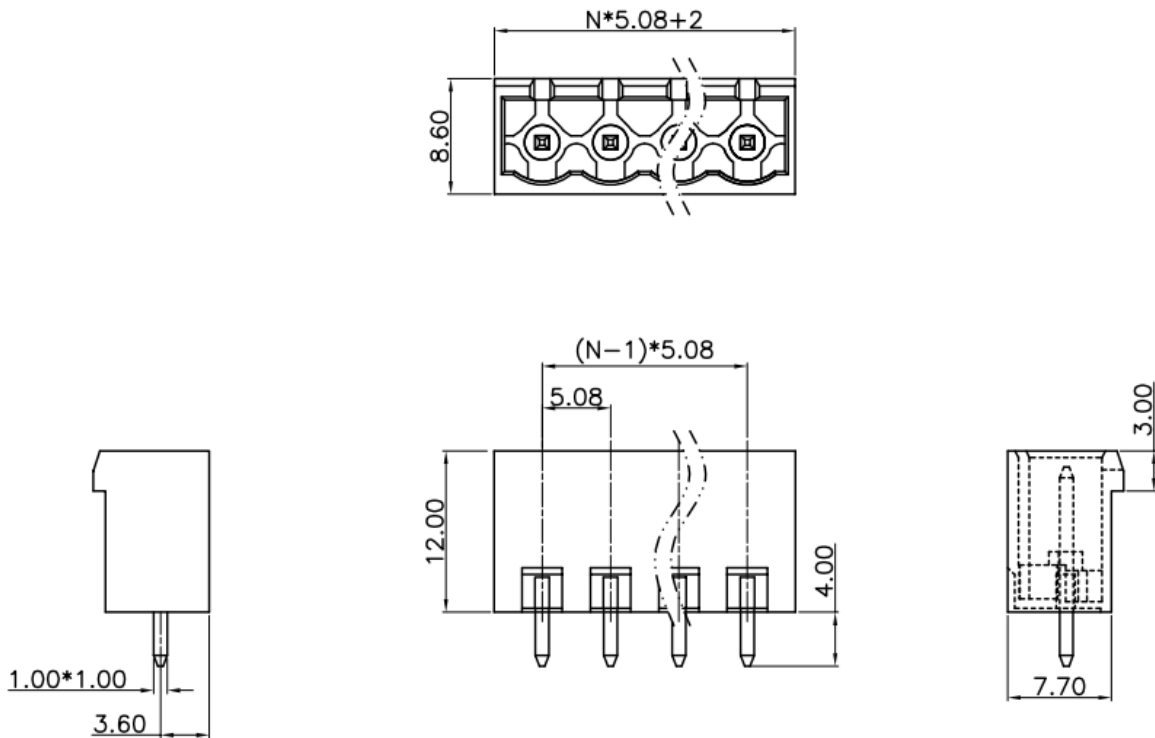
### Electrical Properties

### Description

Standard	UL	IEC
Rated Voltage	300V	320V
Rated Current	15A	20A
Contact Resistance	20mΩ (Max.)	
Insulation Resistance	500MΩ / 500V	
Withstanding Voltage	AC 1500V / 1Min.	

### Dimensions

\*unit: mm, N= number of poles

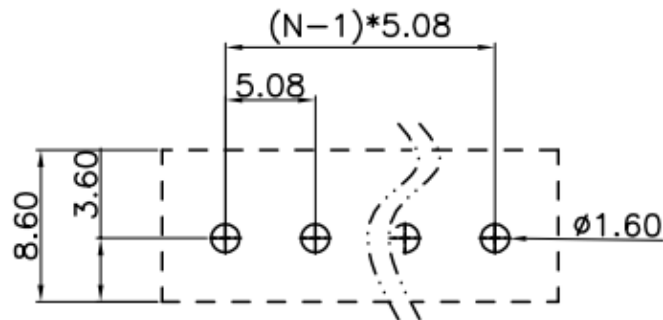


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### PCB Footprint

\*unit: mm , N = number of poles



Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	12,2	17,2	22,3	27,4	32,5	37,6	42,6	47,7	52,8	57,9	63	68
Pitch	5,1	10,2	15,2	20,3	25,4	30,5	35,6	40,6	45,7	50,8	55,9	61

Pole	14	15	16	17	18	19	20	21	22	23	24
Length	73,1	78,2	83,3	88,4	93,4	98,5	103,6	108,7	113,8	118,8	123,9
Pitch	66	71,1	76,2	81,3	86,4	91,4	96,5	101,6	106,7	111,8	116,8

### Part number

**STB1001X-XXX-XX**

<b>STB1001</b>	Style of connector
<b>V</b>	Vertical
<b>5,08</b>	Pitch
<b>XX</b>	Poles
	2,3,4,5,6,7,8, 9,10, 11,12, 13,14,15,16,17,18,19,20, 21,22,23,24

### Ordering information

Ordering can be done via [www.summit-electronics.com](http://www.summit-electronics.com) or via [info@summit-electronics.com](mailto:info@summit-electronics.com). Please contact us for more information. Customisation of the product is available on request.

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## Technical support

For all product questions please contact us via [info@summit-electronics.com](mailto:info@summit-electronics.com)

## Document revision

Rev	Date	Changes
V01.00	06-04-2023	First issue of document