

# Terminal Block, Header

## STB1001H-7.5-XX

### Description

The STB1001H-7.5-XX is a Terminal Block Horizontal Header with a 7.5 mm pitch. The connector is available from 2 up to 24 poles and optionally available with a Vertical orientation.



### Typical applications

- Wire to Board
- Board to Wire



### Features

Mechanical Properties	Description
Connector Type	Terminal Block
Orientation	Horizontal
Dimensions	(Poles *7.5) x 12.0 x 8.6 mm ± 0.2
Operating Temperature Range	-40°C~+105°C
Pitch	7.5 mm
Poles	2-24 Poles
Insulator body	PA66, UL94V-0
Pin header	Copper Alloy, Sn plated

# Terminal Block, Header

## STB1001H-7.5-XX

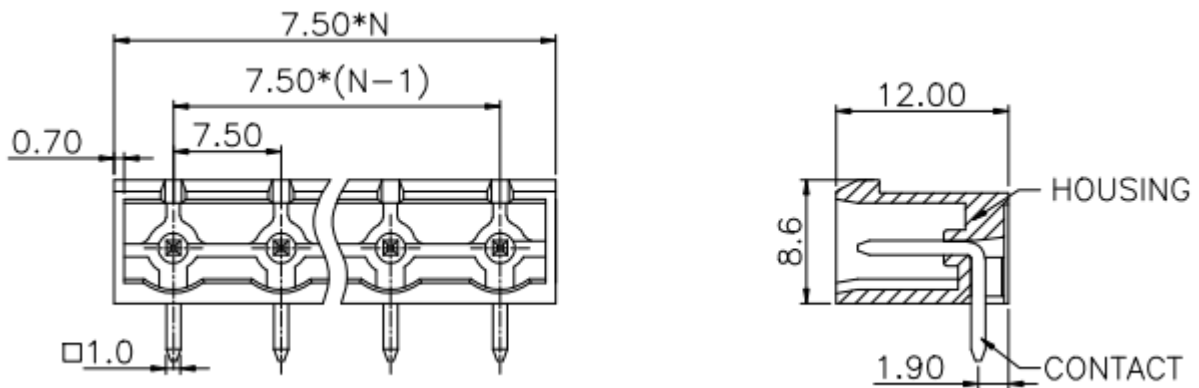
### Electrical Properties

### Description

Standard	UL	IEC
Rated Voltage	300V	400V
Rated Current	15A	20A
Withstanding Voltage	AC 1600V / Min.	

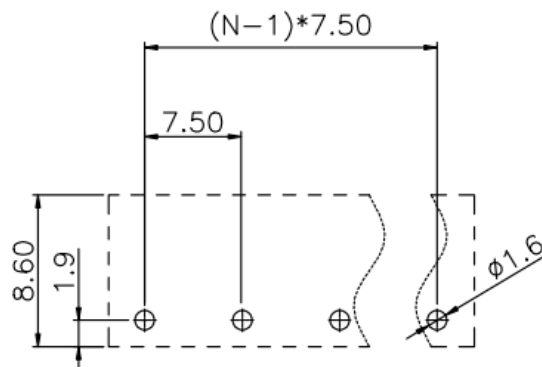
### Dimensions

\*unit: mm, N= number of poles



### PCB Footprint

\*unit: mm , N = number of poles



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Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	15	22,5	30	37,5	45	52,5	60	67,5	75	82,5	90	97,5
Pitch	7,5	15	22,5	30	37,5	45	52,5	60	67,5	75	82,5	90

Pole	14	15	16	17	18	19	20	21	22	23	24
Length	105	112,5	120	127,5	135	142,5	150	157,5	165	172,5	180
Pitch	97,5	105	112,5	120	127,5	135	142,5	150	157,5	165	172,5

## Part number

**STB1001X-XXX-XX**

<b>STB1001</b>	Style of connector
<b>H</b>	Horizontal
<b>7,5</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.

## 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