

Terminal Block, Header

STB1001V-5-XX

Description

The STB1001V-5-XX is a Vertical Terminal Block Header with a 5.0 mm pitch. The header is available from 2 up to 24 poles and is optional in a horizontal orientation.



Typical applications

- Wire to Board
- Board to Wire



Features

Mechanical Properties	Description
Connector Type	Header
Orientation	Vertical
Dimensions	$((\text{Poles} - 1) * 5.0 + 1.5) \times 12.0 \times 8.6 \text{ mm} \pm 0.2$
Operating Temperature Range	-40°C~+105°C
Max temperature soldering	+250°C, for 5 sec.
Pitch	5.0 mm
Poles	2-24 Poles
Insulator body	PA66, UL94V-0
Pin header	Brass, Tin plated

Terminal Block, Header

STB1001V-5-XX

Electrical Properties

Description

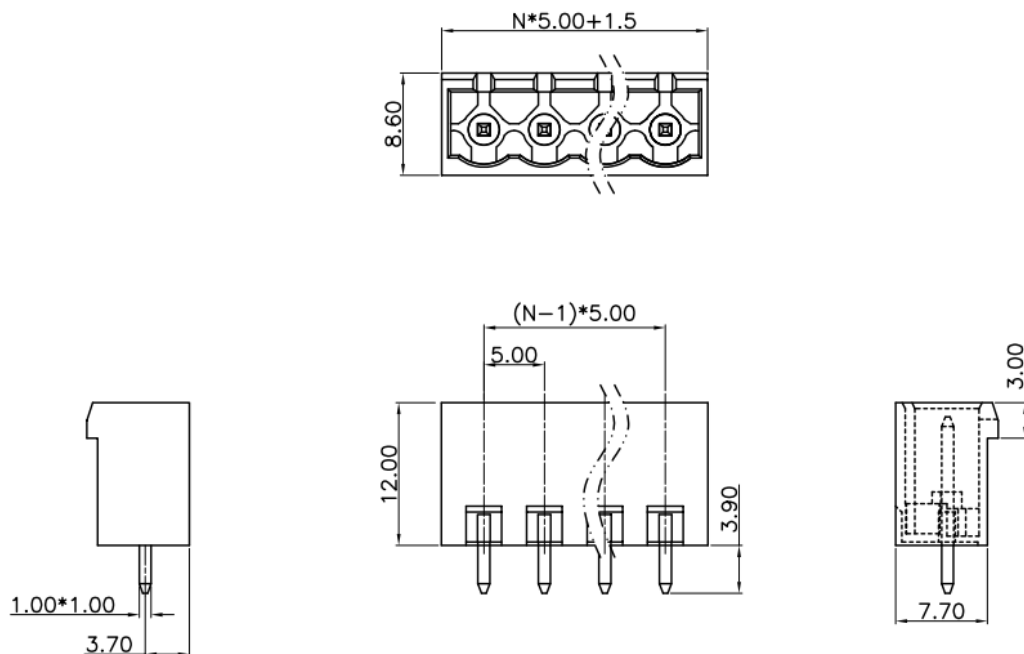
Standard	UL	IEC
Rated Voltage	300V	320V
Rated Current	15A	20A
Contact Resistance	20mΩ (Max.)	
Insulation Resistance	500MΩ / 500V	
Withstanding Voltage	AC 2000V / 1Min.	

Typical applications

- Wire to board
- Board to wire

Dimensions

*unit: mm, N= number of poles

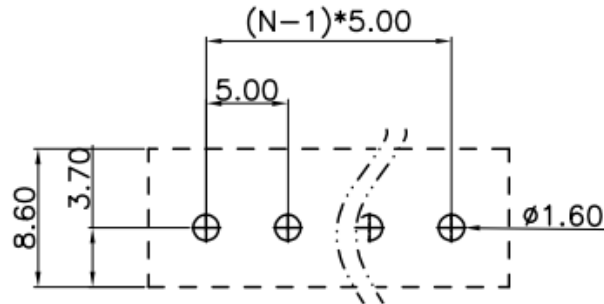


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PCB Footprint

*unit: mm , N = number of poles



Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	11,5	16,5	21,5	26,5	31,5	36,5	41,5	46,5	51,5	56,5	61,5	66,5
Pitch	5	10	15	20	25	30	35	40	45	50	55	60

Pole	14	15	16	17	18	19	20	21	22	23	24
Length	71,5	76,5	81,5	86,5	91,5	96,5	101,5	106,5	111,5	116,5	121,5
Pitch	65	70	75	80	85	90	95	100	105	110	115

Part number

STB1001X-XXX-XX

STB1001	Style of connector
X	orientation
XXX	Pitch
XX	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 or via 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

Document revision

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