

Terminal Block, Header

STB1001H-3.81-XX

Description

The STB1001H-3.81-XX is a Terminal Block Horizontal header with a 3.81 mm pitch. The connector is available from 2 up to 24 poles and optional with a vertical orientation



Typical applications

- Wire to Board
- Board to Wire



Features

Mechanical Properties

Description

Connector Type	Header
Orientation	Horizontal
Dimensions	$((\text{Poles} - 1) * 3.81 + 0,9) \times 7.2 \times 9.2 \text{ mm} \pm 0.2$
Operating Temperature Range	-40°C~+105°C
Max temperature soldering	+250°C, for 5 sec.
Pitch	3.81 mm
Poles	2-24 Poles
Insulator body	PA66, UL94V-0
Pin header	Brass, Tin plated

Electrical Properties

Description

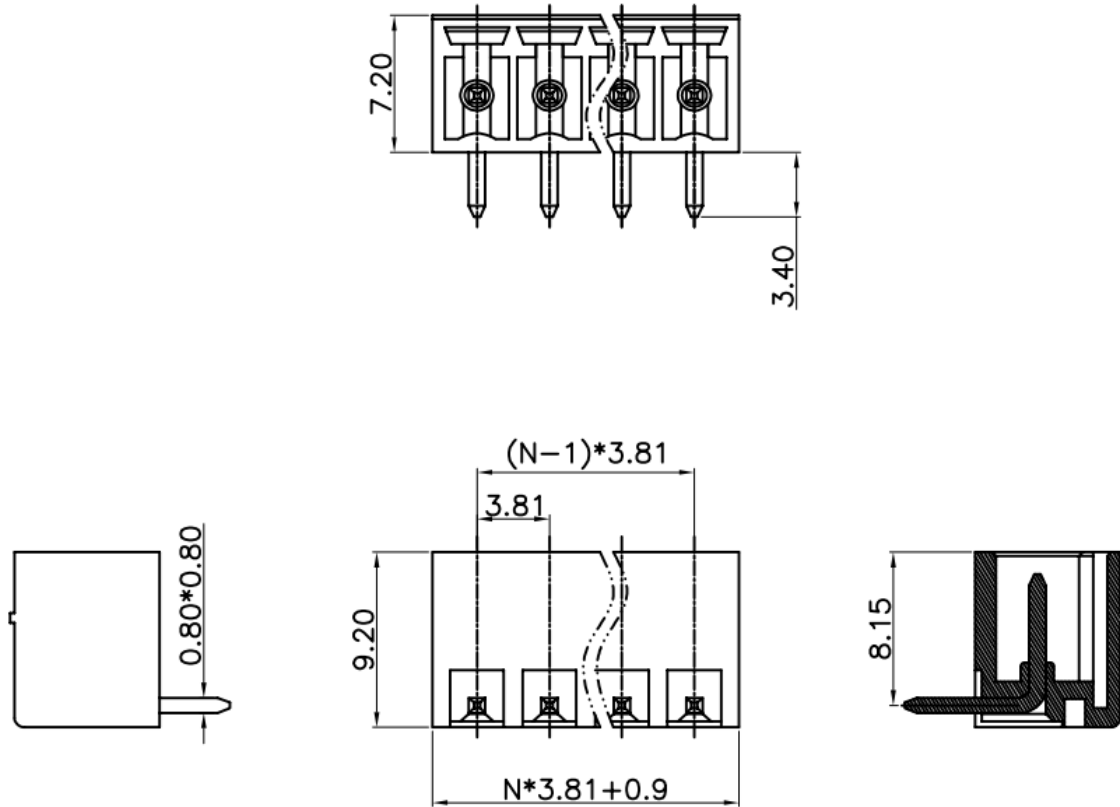
Standard	UL	IEC
Rated Voltage	300V	250V
Rated Current	8A	7A
Contact Resistance	20mΩ (Max.)	
Insulation Resistance	500MΩ / 500V	
Withstanding Voltage	AC 1600V / 1Min.	

Terminal Block, Header

STB1001H-3.81-XX

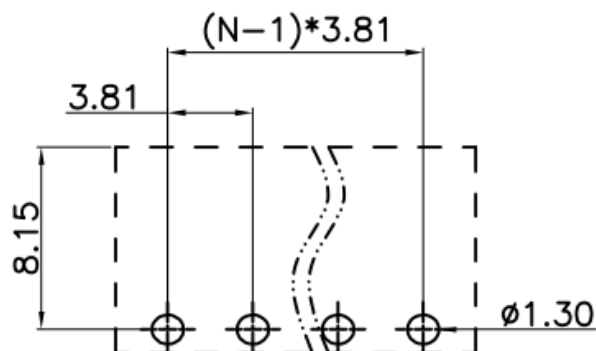
Dimensions

*unit: mm, N= number of poles



PCB Footprint

*unit: mm , N = number of poles



Terminal Block, Header

STB1001H-3.81-XX

Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	8,5	12,3	16,1	19,9	23,8	27,6	31,4	35,2	39	42,8	46,6	50,4
Pitch	3,8	7,6	11,4	15,2	19,1	22,9	26,7	30,5	34,3	38,1	41,9	45,7

Pole	14	15	16	17	18	19	20	21	22	23	24
Length	54,2	58,1	61,9	65,7	69,5	73,3	77,1	80,9	84,7	88,5	92,3
Pitch	49,5	53,3	57,2	61	64,8	68,6	72,4	76,2	80	83,4	87,6

Size in mm

Part number

STB1001H-XXX-XX

STB1001	Style of connector
H	Horizontal
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.

Technical support

For all product questions please contact us via info@summit-electronics.com

Document revision

Rev	Date	changes
2023v1	06-04-2023	First issue of document

Terminal Block, Header

STB1001H-3.81-XX

