

Terminal Block, Plug

STB2040H-3.81-XX

Description

The STB2040H-3.81-XX is a Terminal Plug with 3,1 mm pitch. The connector is available from 2 up to 24 poles and optionally in a vertical orientation.



Typical applications

- Wire to Board
- Board to Wire



Features

Mechanical Properties	Description
Connector Type	Plug
Dimensions	$((\text{poles} * 3,81) + 0.8) \times 10.40 \times 19.3 \pm 0.3$
Operating Temperature Range	-40°C~+105°C
Pitch	3.81 mm
Number of contacts	02 – 24
Wire Range	28 ~ 16 AWG / 0.5 -1.5 mm ²
Stripping length	6 ~ 7 mm
Rated Torque	0.4Nm / 1.8 Lb in
Cage	Copper Alloy, Ni plated
Contact	Copper Alloy, Sn plated
Screw	Steel, Zn plated
Housing	PA66, UL 94V-0

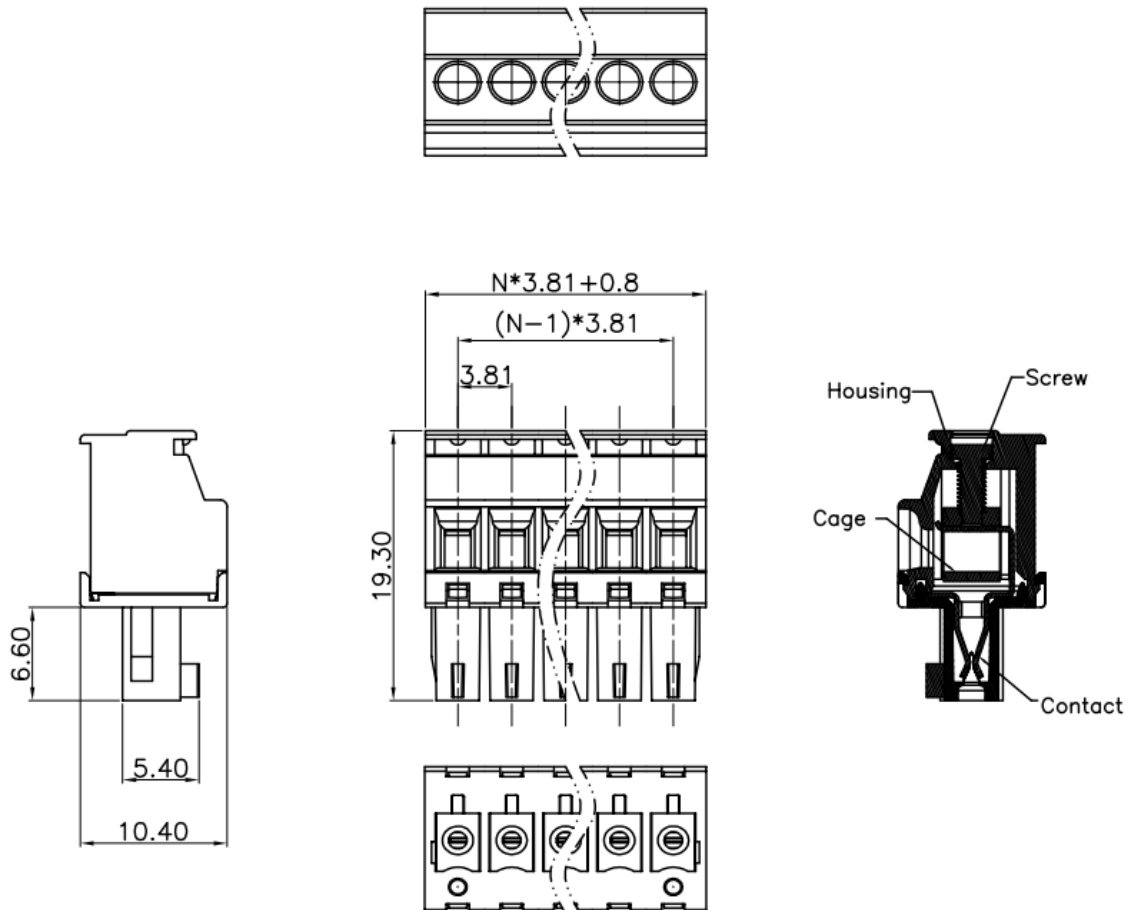
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Electrical Properties	Description	
Standard	UL	IEC
Rated Voltage	300V	250V
Rated Current	8A	7A
Withstanding Voltage	AC 1600V / 1Min.	

Dimensions

*unit: mm



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Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	5,8	9,6	13,4	17,3	21,1	24,9	28,7	32,5	36,3	40,1	43,9	47,7
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	51,5	55,4	59,2	63	66,8	70,6	74,4	78,2	82	85,8	89,6
Pitch	49,5	53,3	57,2	61	64,8	68,6	72,4	76,2	80	83,8	87,6

Part number

STB2040X-XXX-XX

STB2040	Style of connector
H	Horizontal
3,81	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