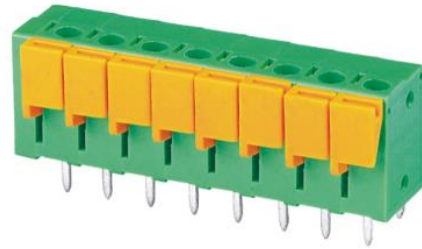


Terminal Block

STB4020TV-5.08-XX

Description

The STB4020TV-5.08-XX is a Terminal Block with a 5.08 mm pitch and a Vertical orientation. The header is available from 2 up to 24 poles an optional in a horizontal orientation.



Typical applications

- Wire to board
- Board to wire



Features

Mechanical Properties	Description
Connector Type	Terminal
Orientation	Vertical
Dimensions	(Poles*3.5) x 13,35 x 14,40 mm ± 0.3
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
Wire Guard	Stainless steel (SUB301)

Terminal Block

STB4020TV-5.08-XX

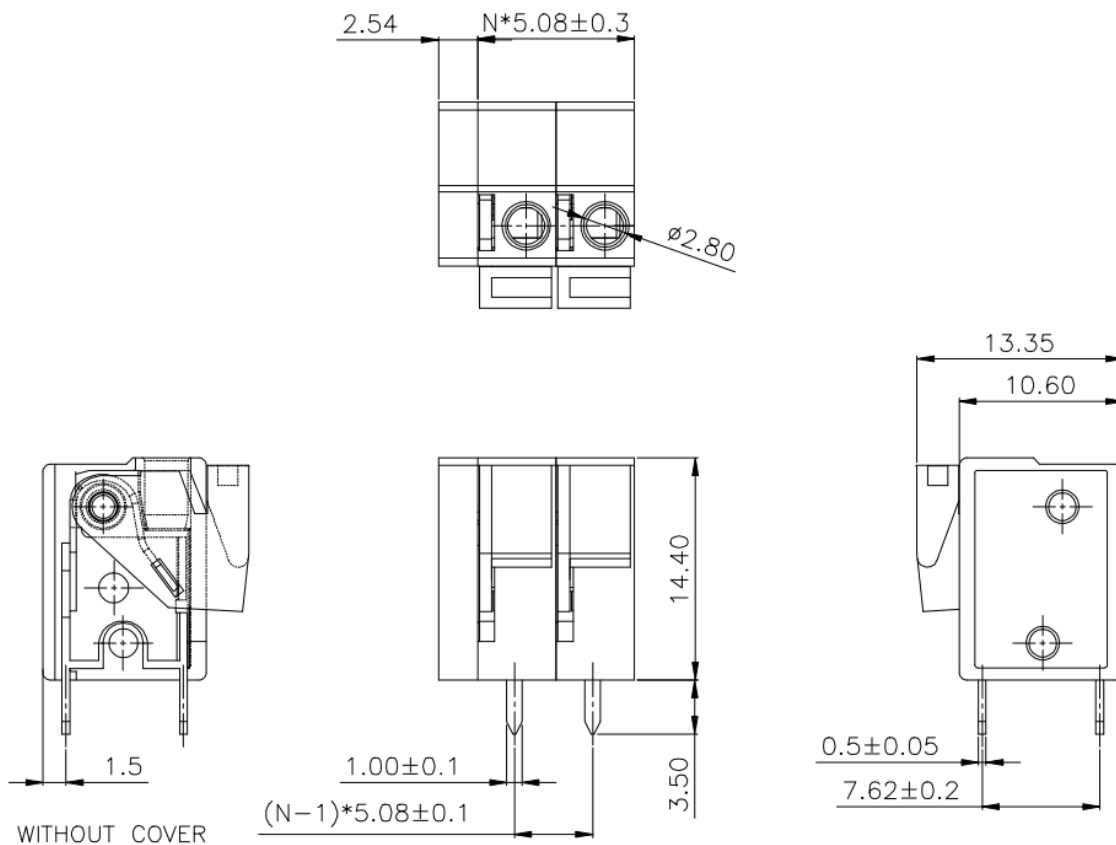
Electrical Properties

Description

Standard	UL
Rated Voltage	250V
Rated Current	10A
Contact Resistance	20mΩ (Max.)
Insulation Resistance	5000MΩ / 1000V
Withstanding Voltage	AC 2000V / 1Min.
Wire connection	9 – 11 mm stripping length

Dimensions

*unit: mm, N= number of poles

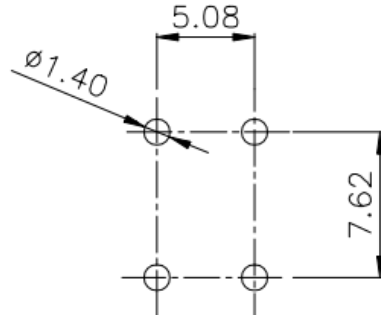


Terminal Block

STB4020TV-5.08-XX

PCB Footprint

*unit: mm , N = number of poles



RECOMMEND PCB LAYOUT(TOLERANCE= ± 0.05)

Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	10,2	15,2	20,3	25,4	30,5	35,6	40,6	45,7	50,8	55,9	61,0	66,0
Pitch	5,08	10,2	15,2	20,3	25,4	30,5	35,6	40,6	45,7	50,8	55,9	61,0

Pole	14	15	16	17	18	19	20	21	22	23	24
Length	71,1	76,2	81,3	86,4	91,4	96,5	101,6	106,7	111,8	116,8	121,9
Pitch	66,0	71,1	76,2	81,3	86,4	91,4	96,5	101,6	106,7	111,8	116,8

Part number

STB4020TX-XXX-XX

STB4020T	Style of connector
H	Horizontal
5,08	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.

Terminal Block

STB4020TV-5.08-XX



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