

Terminal Block, Plug

STB2040V-5-XX

Description

The STB2040V-5.0-XX is a terminal block plug with 5.0 mm pitch. The connector is also available in the different pitches and from 2 up to 24 poles.

Typical applications

- Wire to board
- Board to wire



Features

Mechanical Properties	Description
Connector Type	Plug
Orientation	Horizontal
Dimensions	(Poles*5.0) x 15.15 x 18.2 mm ± 0.2
Operating Temperature Range	-40°C~+105°C
Wire Range	14 – 28 AWG, 0.5 - 2.5mm ²
Torque	0.5 Nm (4.5 Lb.in)
Stripping Length	7 - 8mm
Pitch	5.0 mm
Poles	2-24 Poles
Insulator body	PA66, UL94V-0
Contact	Brass, Sn plated
Cage	Brass, Ni plated
Terminal Screw	M3.0, Steel Zn plated
Clamp	Phosphor bronze, Ni plated

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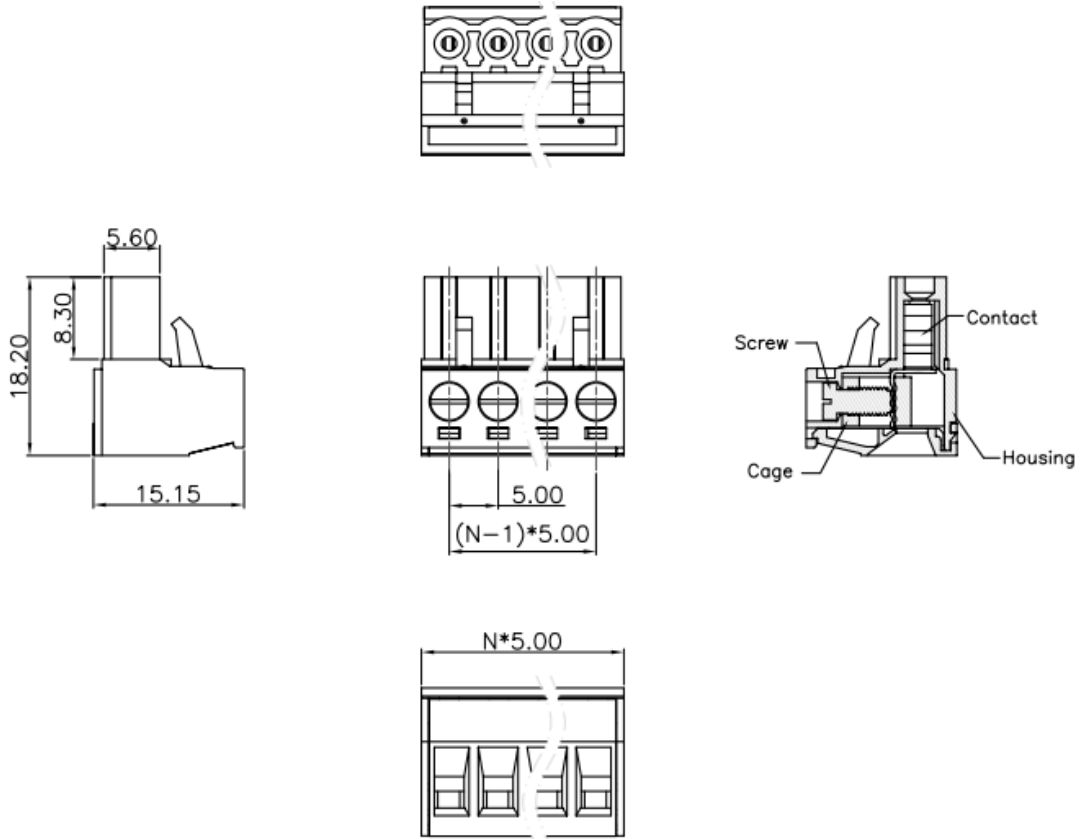
Electrical Properties	Description	
Standard	UL	IEC
Rated Voltage	300V	320V
Rated Current	15A	20A
Contact Resistance	20mΩ (Max.)	
Insulation Resistance	500MΩ / 500V	
Withstanding Voltage	AC 2000V / 1Min.	

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Dimensions

*unit: mm, N= number of poles



Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	10	15	20	25	30	35	40	45	50	55	60	65
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	70	75	80	85	90	95	100	105	110	115	120
Pitch	65	70	75	80	85	90	95	100	105	110	115

Size in mm

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Part number

STB2040V-XXX-XX

STB2040	Style of connector
V	Vertical
5	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
V01.00	06-04-2023	First issue of document