

Terminal Block, Plug

STB2223V-3.5-XX

Description

The STB2223V-3.5-XX is a Vertical Terminal Block Plug with a 3.5 mm pitch and a double row of connector. The connector is available from 2x2 up to 2x24 poles and uses spring contacts for easy cable connection.

Typical applications

- Wire to Board
- Board to Wire

Features



Mechanical Properties

Description

Connector Type	Plug
Dimensions	$((\text{poles}-1 \times 3.5)+4.3) \times 13.25 \times 21.7\text{mm} \pm 0.4$
Operating Temperature Range	-40°C~+105°C
Pitch	3.5 mm
Number of contacts	2x 02 ~ 24
Wire Range	28 ~ 16 AWG / 0.5 ~ 1.5mm ²
Stripping length	8 ~ 9 mm
Contact Material	Copper Alloy, Ni plated
Spring	Stainless Steel
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 1500V / 1Min.	

Dimensions

*unit: mm

Pole	2	3	4	5	6	7	8	9	10	11	12	13
Length	7,8	11,30	14,8	18,3	21,8	25,3	28,8	32,3	35,8	39,3	42,8	46,3
Pitch	3,5	7	10,5	14	17,5	21	24,5	28	31,50	35	38,5	42

Pole	14	15	16	17	18	19	20	21	22	23	24
Length	49,8	53,3	56,8	60,3	63,8	67,3	70,8	74,3	77,8	81,3	84,8
Pitch	45,5	49	52,5	56	59,5	63	66,5	70	73,5	77	80,5

Part number

STB2223X-XXX-XX

STB2223	Style of connector
V	Vertical
3,5	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

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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