

# Wire to Board, Header

## SWTB-C4200RDP-XX

### Description

The SWTB-C4200RDP-Poles is a THT style connector with 4.20 mm pitch and peg. The connector is available up to 12 poles in both Horizontal and Vertical orientations



### Typical applications

- Wire to board
- Board to wire

### Features

#### Mechanical Properties

#### Description

<b>Pitch</b>	4.20 mm
<b>Orientation</b>	Horizontal
<b>Contact material</b>	Brass, Tin plated over Nickel
<b>Insulator material</b>	Nylon 66, UL94V-2
<b>Operating Temperature</b>	-40°C~+105°C
<b>Dimensions</b>	See table

#### Electrical Properties

#### Description

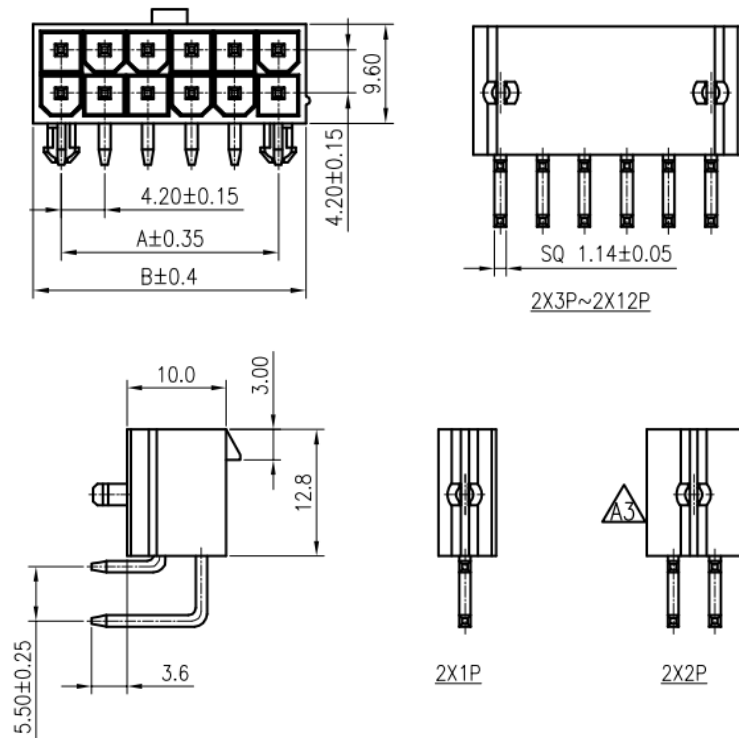
<b>Current Rating</b>	9A AC/DC
<b>Voltage Rating</b>	600V AC/DC
<b>Contact Resistance</b>	10mΩ max.
<b>Insulation Resistance</b>	1000MΩ min.
<b>Dielectric Withstanding</b>	1500V AC / 1 min

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### Dimensions

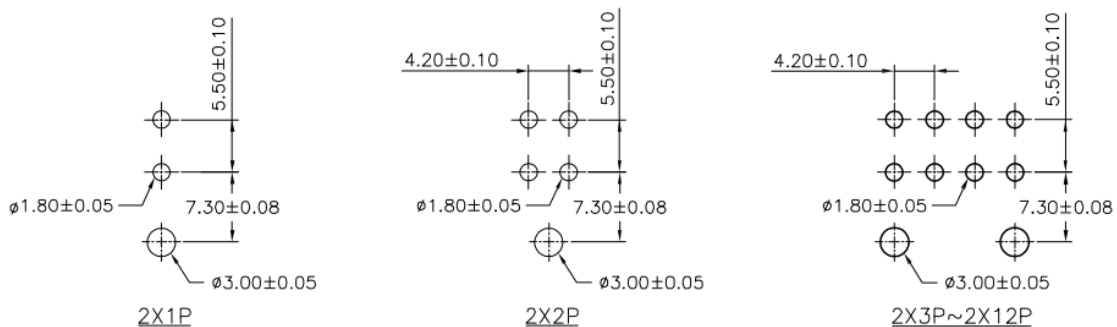
\*unit: mm, N= number of poles



Number of Poles:	Dimensions	
	A	B
2*1P	9,60	4,20
2*2P	13,80	8,40
2*3P	18,00	12,60
2*4P	22,20	16,80
2*5P	26,40	21,00
2*6P	25,20	30,60
2*8P	29,40	34,80
2*9P	33,60	39,00
2*10P	37,80	43,20
2*11P	42,00	47,40
2*12P	46,20	51,60

### PCB Footprint

\*unit: mm , N = number of poles



Recommended P.C.Board Layout

# Wire to Board, Header

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### Part number

SWTB-C4200RDP-XX

SWTB-C4200RDP	Style of connector
XX	Poles (2*)2,4,6,8,10,12

### Ordering information

Ordering can be done via [www.summit-electronics.com](http://www.summit-electronics.com) or via [info@summit-electronics.com](mailto: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](mailto:info@summit-electronics.com)

### Document revision

Rev	Date	changes
V01.00	27-06-2023	First issue of document, EK