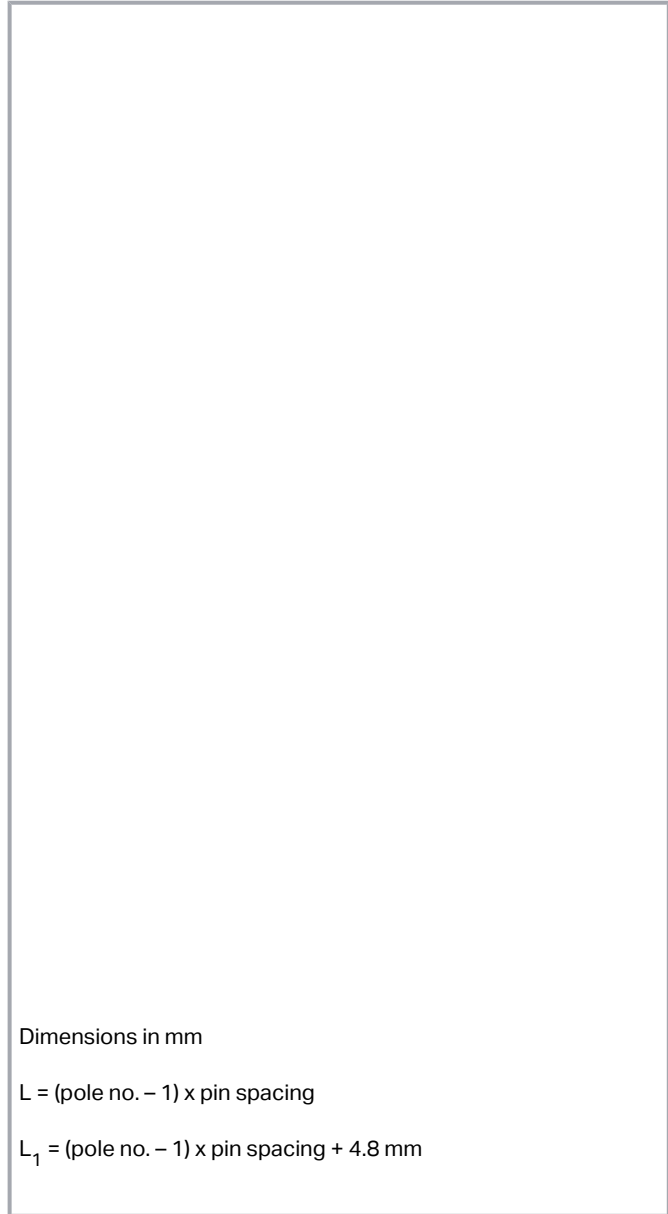
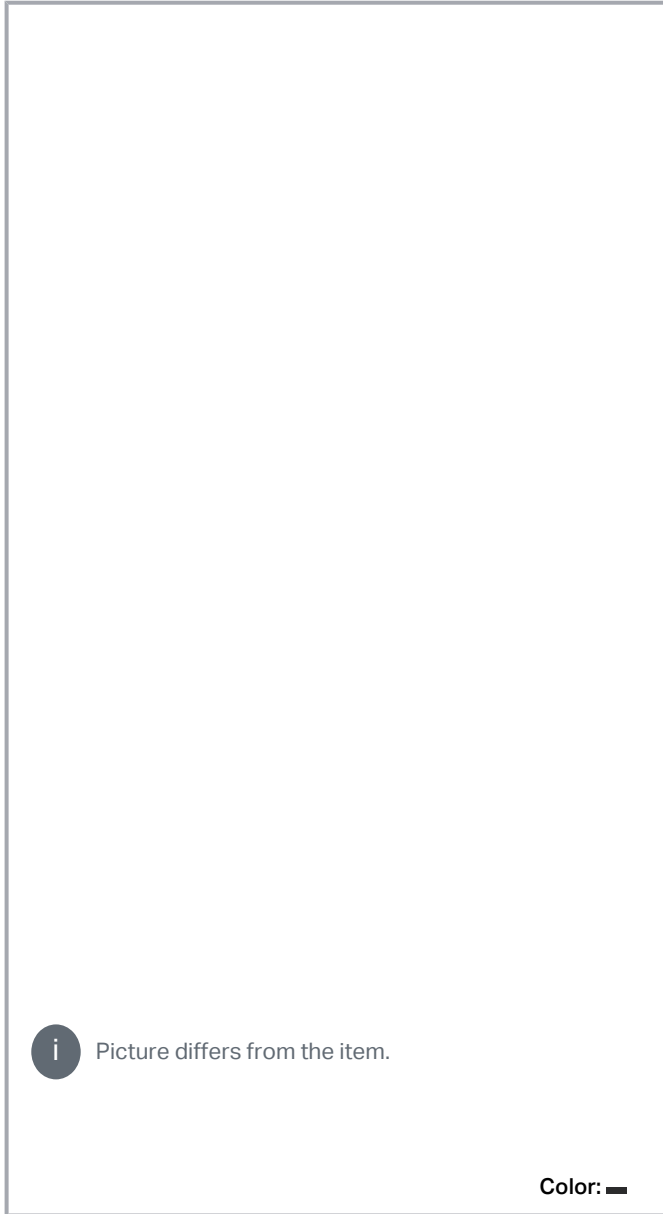


**Data sheet | Item number: 806-903**

THT male header; straight; Pin spacing 5 mm; 3-pole; black

[www.wago.com/806-903](http://www.wago.com/806-903)



Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing}$

$L_1 = (\text{pole no.} - 1) \times \text{pin spacing} + 4.8 \text{ mm}$

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Data

### Connection data

Number of levels	1
------------------	---

### Connection 1

Pole No.	3
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### Physical data

Pin spacing	5 mm / 0.197 inch
Width	14.8 mm / 0.583 inch
Height	12 mm / 0.472 inch
Depth	2.7 mm / 0.106 inch
Solder pin length	3.4 mm
Solder pin diameter	1 mm
Drilled hole diameter with tolerance	1.3 <sup>(+0.05)</sup> mm

### Mechanical data

Suitable	Pin spacing: 5 mm / 0.197 inch
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### Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mating direction to the PCB	90°

### PCB contact

PCB Contact	THT
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### Material data

Note on material data	<a href="#">Information on material data can be found here</a>
Color	black
Weight	2.5 g

Subject to changes. Please also observe the further product documentation!



## Commercial data

Product Group	4 (Printed Circuit)
PU (SPU)	100 Stück
Packaging type	box
Country of origin	CN
GTIN	4044918325813
Customs tariff number	85369010000

## Counterpart

<b>Item no.806-103</b> 2-conductor female connector; 1.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 1,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/806-103">www.wago.com/806-103</a>
<b>Item no.806-203</b> 2-conductor female connector; 1.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; 1,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/806-203">www.wago.com/806-203</a>

## Downloads

### Documentation

#### Additional Information

Technical explanations	03-Apr-2019	pdf 2.0 MB	Download
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## CAD/CAE-Data

### PCB Design

Symbol and Footprint 806-903	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect

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Subject to changes. Please also observe the further product documentation!



- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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#### CAE data

EPLAN Data Portal 806-903	<a href="#">URL</a>	<a href="#">Download</a>
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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 806-903	<a href="#">URL</a>	<a href="#">Download</a>
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THT male header; straight; Pin spacing 5 mm; 3-pole; black

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#### Installation Notes

Subject to changes. Please also observe the further product documentation!

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