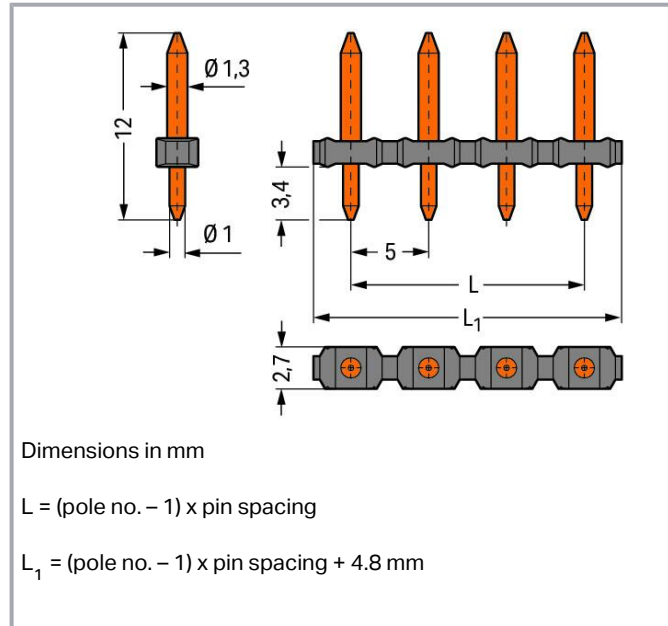
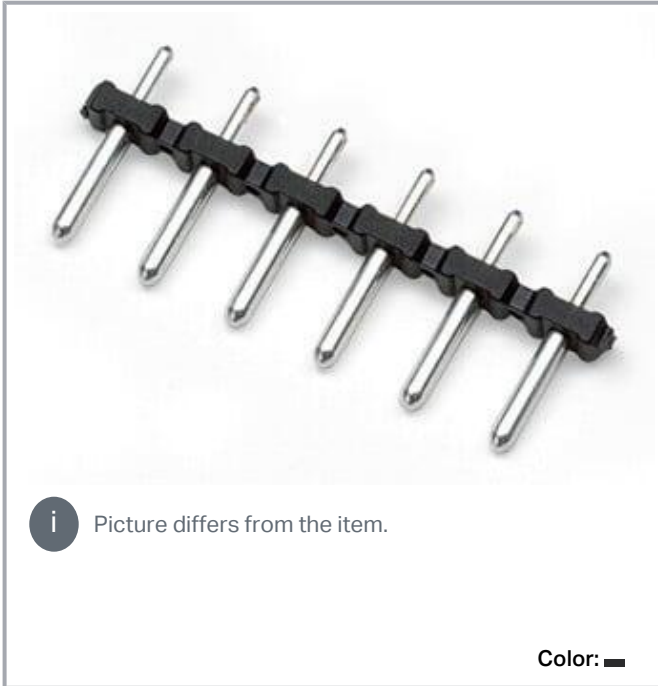


## Data sheet | Item number: 806-909

THT male header; straight; Pin spacing 5 mm; 9-pole; black

[www.wago.com/806-909](http://www.wago.com/806-909)



### Data

#### Connection data

Number of levels 1

#### Connection 1

Pole number 9

#### Physical data

Pin spacing	5 mm / 0.197 inches
Width	44.8 mm / 1.764 inches
Height	12 mm / 0.472 inches
Depth	2.7 mm / 0.106 inches
Solder pin length	3.4 mm
Solder pin diameter	1 mm

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



Drilled hole diameter with tolerance	1.3 <sup>(+0.05)</sup> mm
--------------------------------------	---------------------------

**Mechanical Data**

Suitable	Pin spacing: 5 mm / 0.197 inch
----------	--------------------------------

**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
-------------	-----

**Material Data**

Note (material data)	Information on material specifications can be found here
----------------------	--

Color	black
Insulation material	Polyamide (PA46)
Flammability class per UL94	V2
Weight	1.2 g

**Commercial data**

Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-14-11-92
ETIM 8.0	EC002848
ETIM 7.0	EC002848
PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918429221
Customs tariff number	85369010000

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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

## Counterpart



Item no.806-109

2-conductor female connector; 1.5 mm<sup>2</sup>; Pin spacing 5 mm; 9-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/806-109](http://www.wago.com/806-109)



Item no.806-209

2-conductor female connector; 1.5 mm<sup>2</sup>; Pin spacing 5 mm; 9-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/806-209](http://www.wago.com/806-209)

## Downloads

### Documentation

#### Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

## CAD/CAE-Data

### CAE data

EPLAN Data Portal 806-909	URL	Download
---------------------------	-----	----------

### PCB Design

Symbol and Footprint 806-909	URL	Download
------------------------------	-----	----------

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
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture

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



- 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

---

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 806-909

[URL](#)

[Download](#)

THT male header; straight; Pin spacing 5 mm; 9-pole; black

---

## Installation Notes

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

---

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.