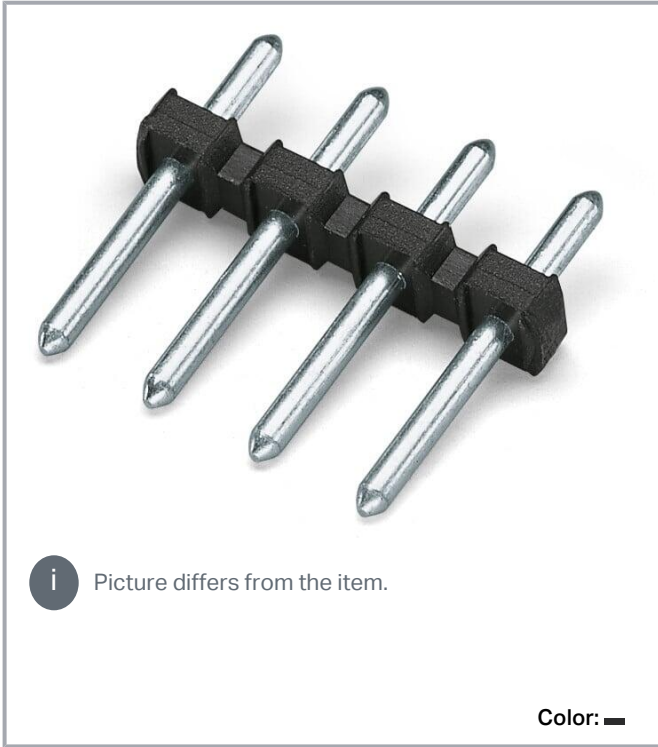


## Data sheet | Item number: 252-909

THT male header; Pin spacing 3.5 mm; 9-pole; black

[www.wago.com/252-909](http://www.wago.com/252-909)



### Data

#### Connection data

Number of levels	1
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#### Connection 1

Pole number	9
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#### Physical data

Pin spacing	3.5 mm / 0.138 inches
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Solder pin length	3.5 mm
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Solder pin diameter	1 mm
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Drilled hole diameter with tolerance	1.2 <sup>(+0.05)</sup> mm
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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.



## Mechanical Data

Suitable	Pin spacing: 3.5 mm / 0.138 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 (material data)	Information on material specifications can be found here
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Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	0.9 g

## Commercial data

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)	500 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918685245
Customs tariff number	85369010000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Subject to changes. Please also observe the further product documentation!

## Counterpart



Item no.252-159

2-conductor female connector; push-button; PUSH WIRE®; 0.8 mm Ø; Pin spacing 3.5 mm; 9-pole; for solder pin strip; 0,50 mm²; gray

[www.wago.com/252-159](http://www.wago.com/252-159)

## Downloads

### Documentation

#### Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

## CAD/CAE-Data

### PCB Design

Symbol and Footprint 252-909	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
- 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

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- 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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#### CAD data

2D/3D Models 252-909	URL	Download
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#### Environmental Product Compliance

##### Compliance Search

Environmental Product Compliance 252-909 THT male header; Pin spacing 3.5 mm; 9-pole; black	URL	Download
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#### Installation Notes

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

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