



Data  
Connection data

Number of levels	1
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Connection 1

Pole number	6
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Physical data

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



## 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	0.6 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
ECCN	NO DATA
PU (SPU)	500 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918984287
Customs tariff number	85366930000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Counterpart



Item no.252-156

2-conductor female connector; push-button; PUSH WIRE®; 0.8 mm Ø; Pin spacing 3.5 mm; 6-pole; for solder pin strip; 0,50 mm²; gray

[www.wago.com/252-156](http://www.wago.com/252-156)

## Downloads

### Documentation

#### Additional Information

Technical Section	2019 年4月3日	pdf	Download
Technical explanations		2.1 MB	

## CAD/CAE-Data

### PCB Design

Symbol and Footprint via Ultra Librarian 252-906

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
- Altair
- Altium 6 to current version
- Autodesk Fusion 360
- 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

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- 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
- Zuken eCADSTAR 2020 and 2021Zuken CR-5000 and CR-8000

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

Symbol and Footprint via SamacSys 252-906

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:

- 3D (stp)
- Altium
- CADSTAR
- Capture
- CircuitStudio
- CR-5000
- CR-8000
- DEHDL
- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
- EAGLE
- Easy-PC
- EasyEDA
- eCADSTAR
- KiCad
- OrCAD\_Allegro16
- PADS
- Proteus
- Pulsonix
- Quadcept

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- SOLIDWORKS PCB
- TARGET 3001!
- xDX Designer
- Xpedition

PCB Component Libraries (EDA), PCB CAD Library SamacSys Electronic Component Search Engine

CAD data

2D/3D Models 252-906	URL	Download
Asset Administration Shell		
Asset Administration Shell 252-906	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 252-906	URL	Download
THT pin strip; Pin spacing 3.5 mm; 6-pole; black		

Installation Notes

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