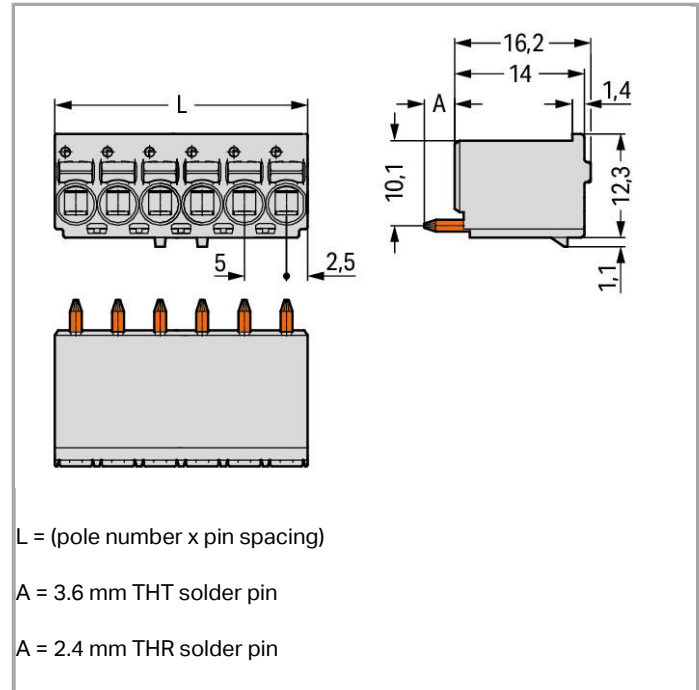


## Data sheet | Item number: 2092-1176/200-000

1-conductor THR female header; 1.4 mm Ø solder pin; straight; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole

[www.wago.com/2092-1176/200-000](http://www.wago.com/2092-1176/200-000)



L = (pole number x pin spacing)

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin

RoHS  Compliant

BOMcheck.net

Color:

### Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require specialty tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Factory-installed, straight or angled solder pins allow horizontal or vertical mounting to the PCB

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)

250 V



Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

### Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm <sup>2</sup>
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Conductor entry angle to the PCB	90°
No. of poles	6
Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm (0.197 inch)
Width	30 mm / 1.181 inch
Height	16.2 mm / 0.638 inch
Depth	13.4 mm / 0.528 inch
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1.6 (+0.1) mm

### Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	90°

## PCB contact

PCB contact	THR
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## Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.129 MJ
Weight	6.55 g

## Environmental Requirements



Limit temperature range	-60 ... +100 °C
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## Commercial data

Country of origin	DE
GTIN	4050821395416
Customs Tariff No.	85366990990

## Approvals / Certificates

### UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45172
	UR Underwriters Laboratories Inc.	E45171

## Compatible products

### check



Item no.: 735-500  
Test pin; with solder connection for test wire

[www.wago.com/735-500](http://www.wago.com/735-500)

tools



Item no.: 210-719

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

[www.wago.com/210-719](http://www.wago.com/210-719)

Downloads

smartDATA

PCB libraries

TARGET Library for WAGO picoMAX <sup>®</sup>	1.1.0	ZIP	Download
Compatible with TARGET PCB Design Software Version 17.x	Oct 6, 2014	2.4 MB	
EAGLE Library for WAGO picoMAX <sup>®</sup>	2.1	ZIP	Download
	Nov 17, 2017	1.9 MB	
DesignSpark Library for WAGO picoMAX <sup>®</sup>	2.1	ZIP	Download
Compatible with DesignSpark PCB Version 4.x or higher	Oct 6, 2014	2.0 MB	

CAD data

3D Download 2092-1176/200-000		URL	Download
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Product family

picoMAX eCOM

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Subject to changes.