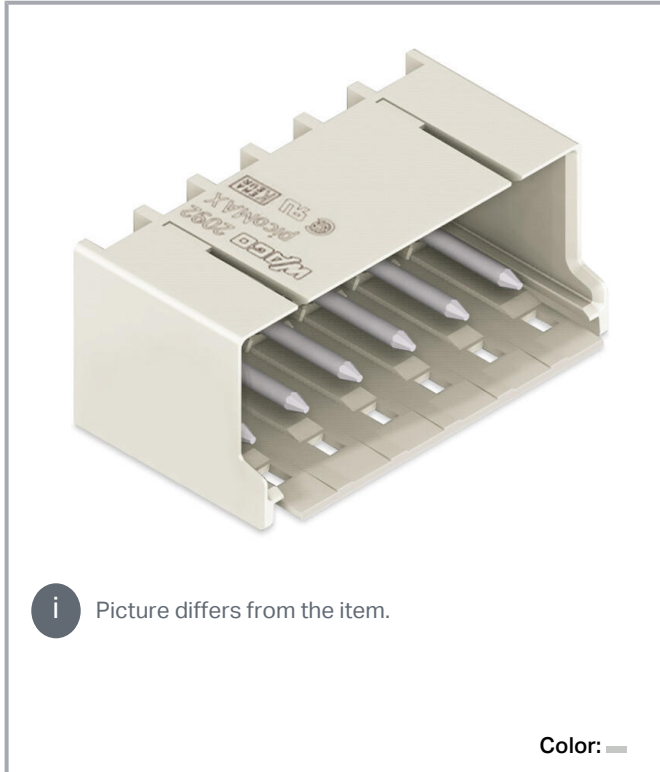


**Data sheet | Item number: 2092-1422**

THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 2-pole;  
light gray



[www.wago.com/2092-1422](http://www.wago.com/2092-1422)



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

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Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 2.2 \text{ mm}$

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin

### Item description

- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header
- Coding pins inserted into the header interface prevent mismatching, allowing subsequent coding in panel feedthrough applications
- The female connector is fully shrouded by the male header's housing, providing vibration resistance up to 20 g

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



## Data

### Notes

Safety information 1

The **picoMAX® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected /disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Variants:

Direct marking

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>

## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

### Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

## Connection data

Total number of potentials	2
Number of connection types	1
Number of levels	1

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## Connection 1

Pole No.	2
----------	---

## Physical data

Pin spacing	5 mm / 0.197 inch
Width	12.2 mm / 0.48 inch
Height	18 mm / 0.709 inch
Height from the surface	14.4 mm / 0.567 inch
Depth	19.5 mm / 0.768 inch
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 <sup>(+0.1)</sup> mm

## Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	0°
Locking of plug-in connection	Locking latch

## PCB contact

PCB Contact	THT
-------------	-----

## Material data

Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.036 MJ
Weight	1.6 g

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## Environmental requirements




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


Product Group	26 (picoMAX)
PU (SPU)	200 Stück
Packaging type	box
Country of origin	DE
GTIN	4050821163916
Customs tariff number	85366990990

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-49737 /A1
	<b>CSA</b> DEKRA Certification B.V.	C22.2	2362521
	<b>CSA</b> DEKRA Certification B.V.	C22.2 No. 158	2362521
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71-102261 REV.2

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1059	E45172
	<b>UL</b> Underwriters Laboratories Inc.	UL 1977	E45171

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



## Counterpart

	<b>Item no.2092-1102</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; Gripping plate; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1102">www.wago.com/2092-1102</a>
	<b>Item no.2092-1102/000-1000</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; Gripping plate; direct marking; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1102/000-1000">www.wago.com/2092-1102/000-1000</a>
	<b>Item no.2092-1102/002-1000</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; Gripping plate sliding connector release; direct marking; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1102/002-1000">www.wago.com/2092-1102/002-1000</a>
	<b>Item no.2092-1102/002-000</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; Gripping plate sliding connector release; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1102/002-000">www.wago.com/2092-1102/002-000</a>
	<b>Item no.2092-1102/000-5000</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; Gripping plate; direct marking; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1102/000-5000">www.wago.com/2092-1102/000-5000</a>
	<b>Item no.2092-1122</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1122">www.wago.com/2092-1122</a>
	<b>Item no.2092-1122/000-5000</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; direct marking; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1122/000-5000">www.wago.com/2092-1122/000-5000</a>
	<b>Item no.2092-1122/000-1000</b> 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 2-pole; direct marking; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1122/000-1000">www.wago.com/2092-1122/000-1000</a>

## Downloads

### Documentation

#### Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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## CAD/CAE-Data

### PCB Design

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Symbol and Footprint 2092-1422

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
- 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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CAD data

2D/3D Models 2092-1422

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CAE data

ZUKEN Portal 2092-1422

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2092-1422

[URL](#)

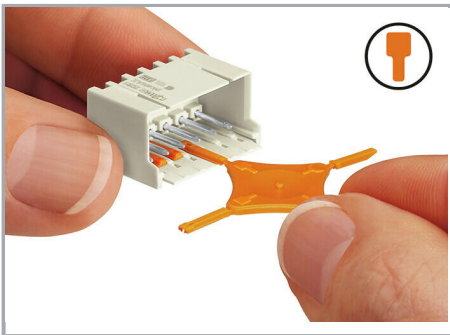
[Download](#)

THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 2-pole; light gray

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## Installation Notes

### Coding



Coding a male header (via coding key carrier and two keys for male header, see symbol).

## Product family

[\*<i>pic\*MAX<sup>®</sup> 5.0](#)

[Show all products from the family](#)

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