

**Data sheet | Item number: 2092-1306**

THT female header; straight; Pin spacing 5 mm; 6-pole; 0.4 x 1.3 mm solder pin; light gray

[www.wago.com/2092-1306](http://www.wago.com/2092-1306)



**Color:**



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

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



Dimensions in mm

L = pole no. x pin spacing

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin

### Item description

- Touch-proof PCB outputs
- Easy-to-identify PCB inputs and outputs
- Coding option available

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



## Data Notes

### Safety information

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.

## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ 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	6
Number of connection types	1
Number of levels	1

## Connection 1

Pole number	6
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Subject to changes. Please also observe the further product documentation!



## Physical data

Pin spacing	5 mm / 0.197 inches
Width	30 mm / 1.181 inches
Height	19.8 mm / 0.78 inches
Height from the surface	16.2 mm / 0.638 inches
Depth	13.6 mm / 0.535 inches
Solder pin length	3.6 mm
Solder pin dimensions	0.4 x 1.3 mm
Drilled hole diameter with tolerance	1.5 <sup>(+0.1)</sup> mm

## Mechanical Data

Variable coding	Yes
Anti-rotation protection	Yes

## Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	Yes
Mating direction to the PCB	90 °
Locking of plug-in connection	none

## PCB contact

PCB contact	THT
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## Material Data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.138 MJ

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



Weight	5.6 g
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**Environmental requirements**

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

**Commercial data**

Product Group	26 (picoMAX Connectors)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821163671
Customs tariff number	85366990990

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Approvals / Certificates****General approvals**

Logo	Approval	Additional Approval Text	Certificate name
	<b>CSA</b> DEKRA Certification B.V.	C22.2 No. 158	2362521
	<b>CSA</b> DEKRA Certification B.V.	C22.2	2362521
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1059	E45172
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71- 102261 REV.2
	<b>UL</b> Underwriters Laboratories Inc.	UL 1977	E45171

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## Counterpart

<b>Item no.2092-1526/002-000</b> 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Integrated release lever; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1526/002-000">www.wago.com/2092-1526/002-000</a>
<b>Item no.2092-1506/002-000</b> 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1506/002-000">www.wago.com/2092-1506/002-000</a>
<b>Item no.2092-1526/020-000</b> 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever; 2,50 mm²; light gray	<a href="http://www.wago.com/2092-1526/020-000">www.wago.com/2092-1526/020-000</a>

## Downloads

### Documentation

#### Additional Information

	2019 年4月3日	pdf 2.0 MB	Download
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## CAD/CAE-Data

### PCB Design

Symbol and Footprint 2092-1306	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

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



- 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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#### CAE data

ZUKEN Portal 2092-1306	<a href="#">URL</a>	<a href="#">Download</a>
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#### CAD data

2D/3D Models 2092-1306	<a href="#">URL</a>	<a href="#">Download</a>
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 2092-1306	<a href="#">URL</a>	<a href="#">Download</a>
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### Installation Notes

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