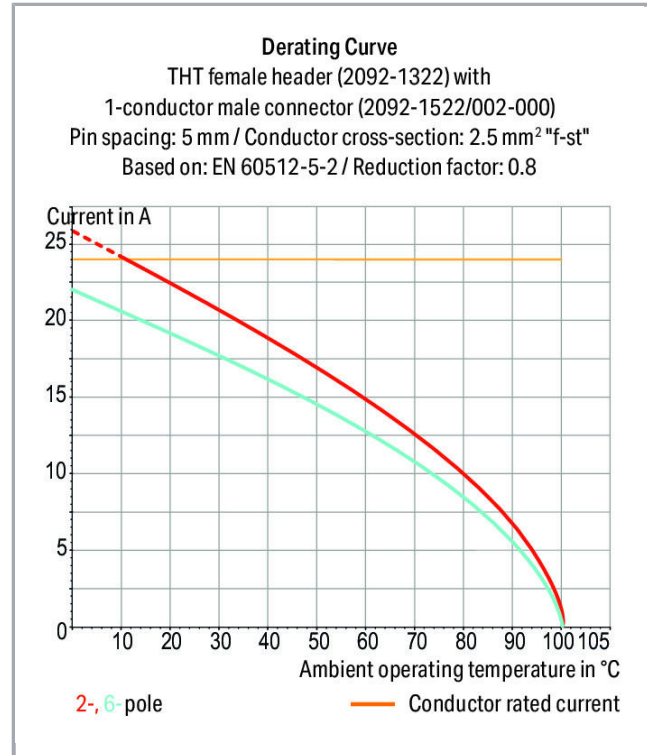


**Data sheet | Item number: 2092-1302**

THT female header; 0.4 x 1.3 mm solder pin; straight; Pin spacing 5 mm; 2-pole; light gray

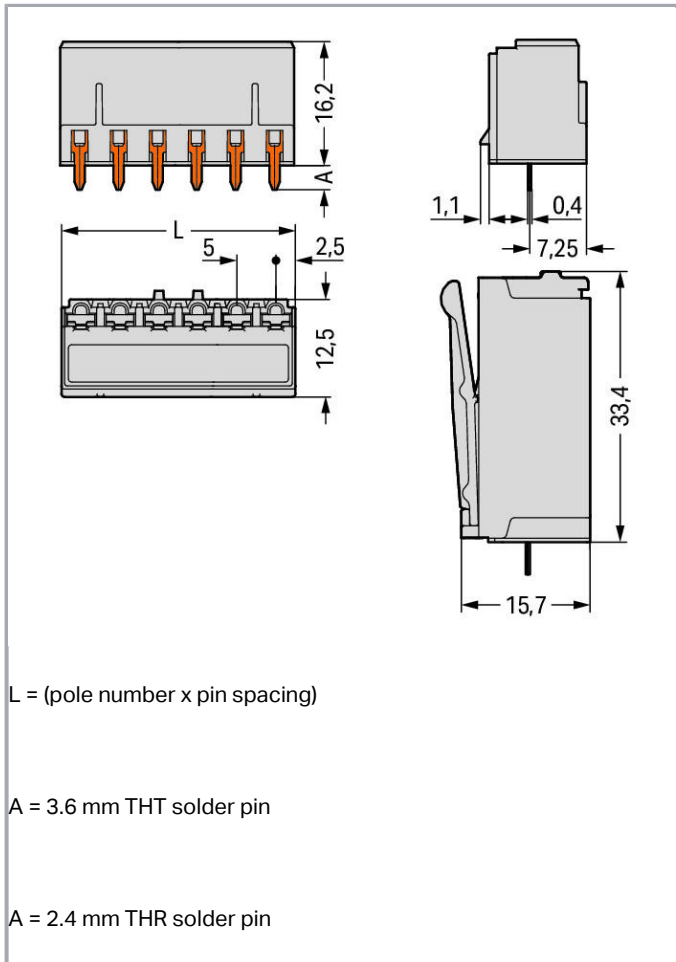
[www.wago.com/2092-1302](http://www.wago.com/2092-1302)



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.



## Item description

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

## 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.

## Data

### Electrical data

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



### Ratings per IEC/EN 60664-1

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

### 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
Approvals per	UL 1059

### Connection data

No. of poles	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	10 mm / 0.394 inch
Height	19,8 mm / 0.78 inch
Height from the surface	16,2 mm / 0.638 inch
Depth	13,6 mm / 0.535 inch
Solder pin length	3.6 mm
Solder pin dimensions	0,4 x 1,3 mm
Drilled hole diameter (tolerance)	1,5 <sup>(+0,1)</sup> mm

### Plug connection

Contact type (pluggable connector)	Female connector/socket
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Subject to changes. Please also observe the further product documentation!

Connector connection type	for PCB
Mismating protection	No
Mating direction to the PCB	90°

### PCB contact

PCB contact	THT
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### Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.046 MJ
Weight	1.9 g

### Environmental Requirements


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

Product Group	26 (picoMAX)
Packaging type	BOX
Country of origin	DE
GTIN	4050821163633
Customs Tariff No.	85366990990

### Approvals / Certificates

#### Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	2362521

#### UL-Approvals




Certificate

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



Logo	Approval	Additional Approval Text	name
	UL Underwriters Laboratories Inc.	UL 1977	20190909-E45171

### Counterpart

	Item no.2092-1522/002-000 1-conductor male connector; Gripping plate; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 2-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2092-1522/002-000">www.wago.com/2092-1522/002-000</a>
	Item no.2092-1502/002-000 1-conductor male connector; Gripping plate; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 2-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2092-1502/002-000">www.wago.com/2092-1502/002-000</a>
	Item no.2092-1522/020-000 1-conductor male connector; Snap-in mounting feet; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 2-pole; 2,50 mm <sup>2</sup> ; light gray	<a href="http://www.wago.com/2092-1522/020-000">www.wago.com/2092-1522/020-000</a>

### Downloads

#### Documentation

##### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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### CAD/CAE-Data

#### CAD data

2D/3D Models 2092-1302	URL	Download
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#### PCB Design

Symbol and Footprint 2092-1302	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

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



- 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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## Installation Notes

## Product family

**picoMAX**

[Show all products from the family](#)

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

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