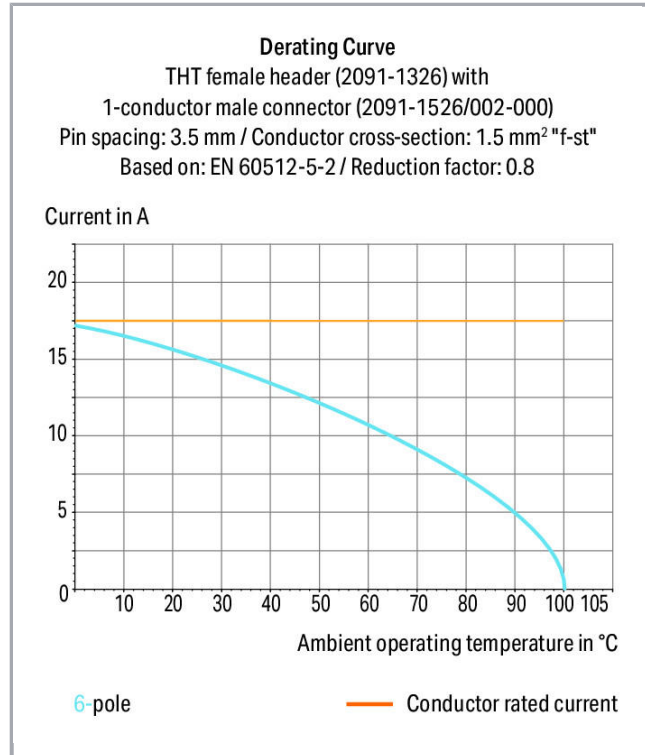


**Data sheet | Item number: 2091-1326**

THT female header; 0.4 x 0.9 mm solder pin; angled; Pin spacing 3.5 mm; 6-pole; light gray



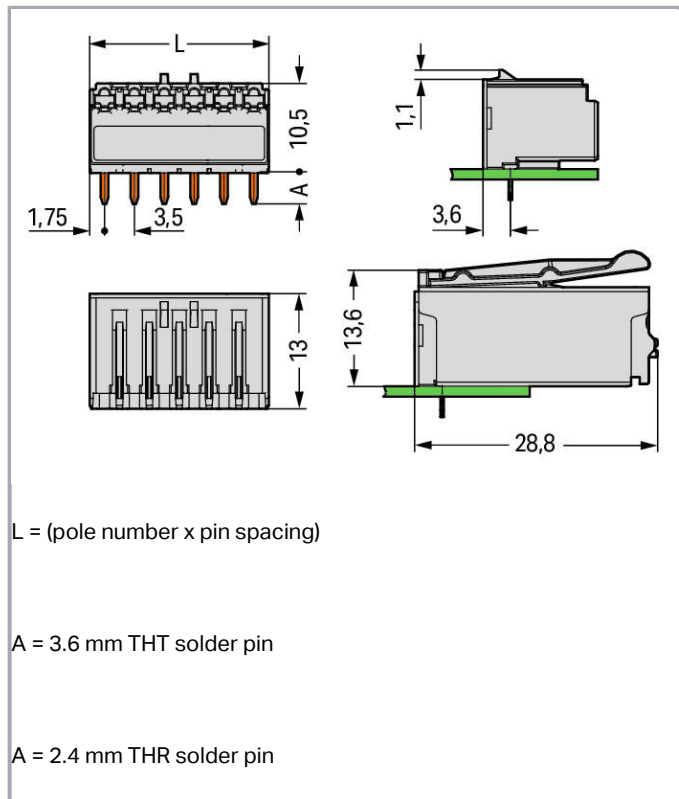
[www.wago.com/2091-1326](http://www.wago.com/2091-1326)



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

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### 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

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

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	160 V
Rated impulse voltage (III / 3)	2.5 kV

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Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	10 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

### Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 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	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	3,5 mm / 0.138 inch
Width	21 mm / 0.827 inch
Height	15,2 mm / 0.598 inch
Height from the surface	11,6 mm / 0.457 inch
Depth	13 mm / 0.512 inch
Solder pin length	3.6 mm
Solder pin dimensions	0,4 x 0,9 mm
Drilled hole diameter (tolerance)	1,1 <sup>(+0,1)</sup> mm

### Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCB
Mismating protection	No
Mating direction to the PCB	0°

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

## 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	0.075 MJ
Weight	3.2 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	4050821160892
Customs Tariff No.	85366990990


## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-49736 /A1
	<b>CSA</b> DEKRA Certification B.V.	C22.2	2362521
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71-102260 REV.1

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

## UL-Approvals

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

## Counterpart



## Item no.2091-1526/002-000

1-conductor male connector; Integrated release lever; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 6-pole; 1,50 mm<sup>2</sup>; light gray[www.wago.com/2091-1526/002-000](http://www.wago.com/2091-1526/002-000)

## Item no.2091-1506/002-000

1-conductor male connector; Gripping plate; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 6-pole; 1,50 mm<sup>2</sup>; light gray[www.wago.com/2091-1506/002-000](http://www.wago.com/2091-1506/002-000)

## Compatible products

## Coding

## Item no.: 2091-1610

Coding key carrier; suitable for 3.5 mm pin spacing; orange

[www.wago.com/2091-1610](http://www.wago.com/2091-1610)

## 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 2091-1326	URL	Download
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## PCB Design

Symbol and Footprint 2091-1326	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.

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



#### 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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#### Installation Notes

#### Product family

**picoMAX**

[Show all products from the family](#)

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