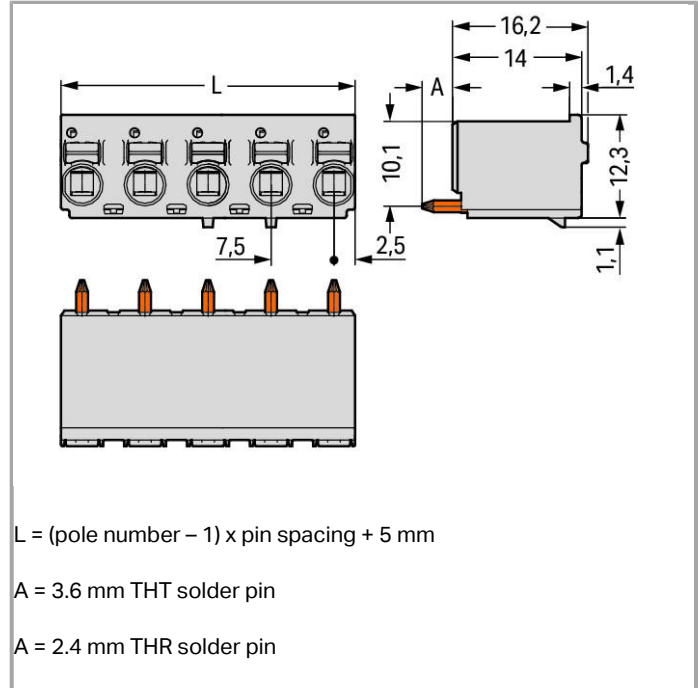


## Data sheet | Item number: 2092-3175

1-conductor THT female header; 1.4 mm Ø solder pin; straight; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 5-pole

[www.wago.com/2092-3175](http://www.wago.com/2092-3175)



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 special tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Custom-installed solder pins

### Data

#### Electrical data

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

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV



Rated voltage (III / 2)	630 V
Rated impulse voltage (III / 2)	6 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ 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	5
Total number of connection points	5
Total number of potentials	5
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	7.5 mm (0.295 inch)
Width	35 mm / 1.378 inch
Height	16.2 mm / 0.638 inch
Depth	13.4 mm / 0.528 inch
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter (tolerance)	1.6 <sup>(+0.1)</sup> 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	THT
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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	0.155 MJ
Weight	7.146 g

## Environmental Requirements


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

Country of origin	DE
GTIN	4050821165293
Customs Tariff No.	85366990990
Product Group	26 (picoMAX)

## Approvals / Certificates

### UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45172

## Compatible products

### 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)

### check



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

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

## Downloads

### smartDATA



#### CAD data

3D Download 2092-3175	URL	Download
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#### PCB libraries

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

TARGET Library for WAGO picoMAX <sup>®</sup>	1.1.0 Oct 6, 2014	ZIP 2.4 MB	Download
Compatible with TARGET PCB Design Software Version 17.x			

#### Product family

**picoMAX eCOM**

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Subject to changes.