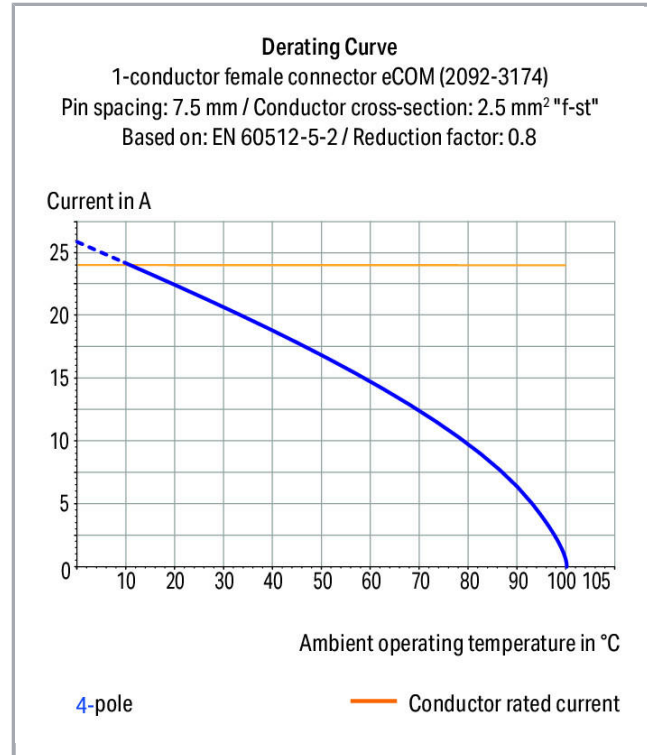
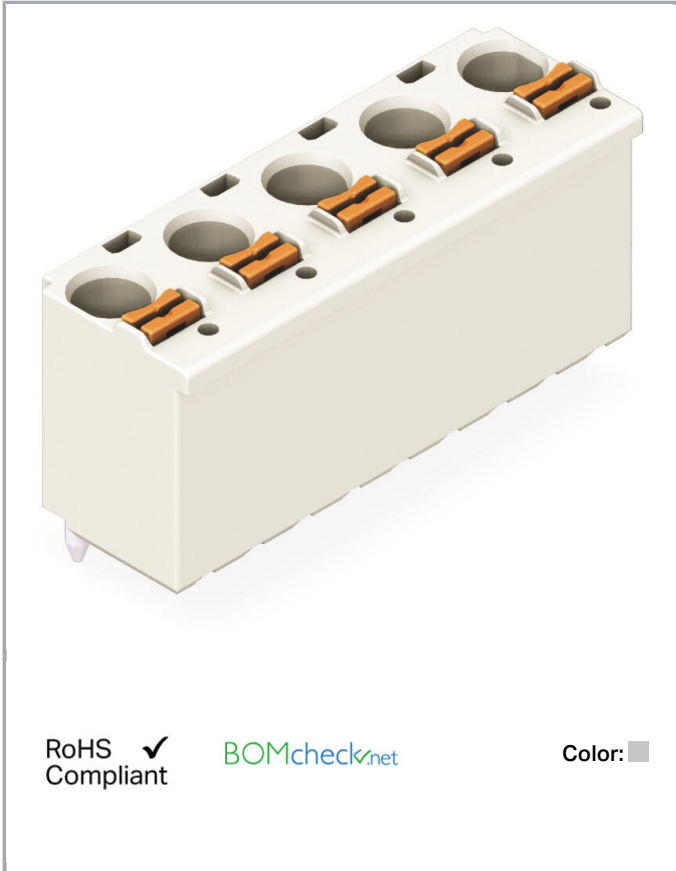


**Data sheet | Item number: 2092-3175/200-000**

1-conductor THR female header; 1.4 mm Ø solder pin; straight; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 5-pole; 2,50 mm<sup>2</sup>; light gray

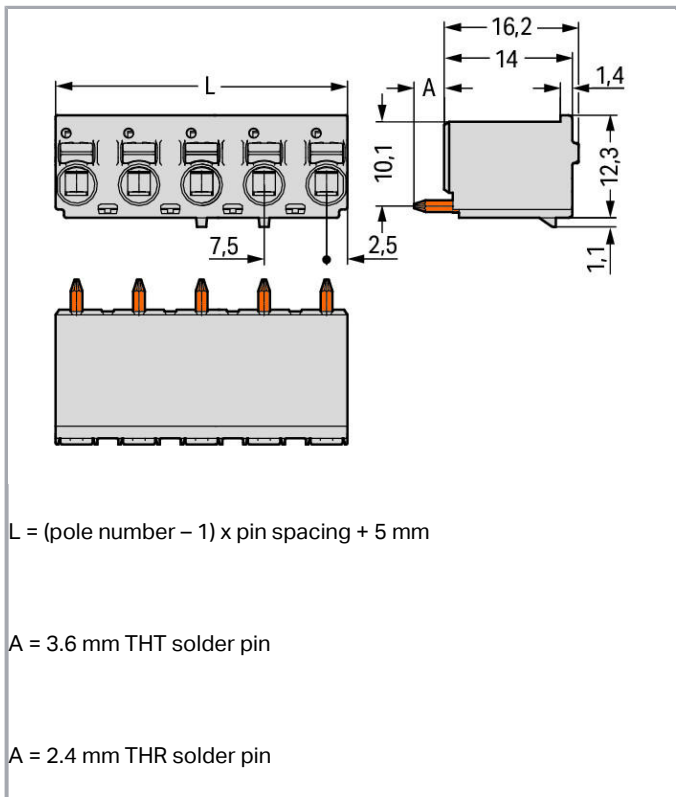
[www.wago.com/2092-3175/200-000](http://www.wago.com/2092-3175/200-000)



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

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## Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require specialty tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Factory-installed, straight or angled solder pins allow horizontal or vertical mounting to the PCB

## 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)	400 V
Rated impulse voltage (III / 3)	6 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) $\triangleq$ Overvoltage category III / Pollution degree 2

### Approvals per UL 1059

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

### Connection data

Connection technology	Push-in CAGE CLAMP <sup>®</sup>
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
-------------	---------------------

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



Width	35 mm / 1.378 inch
Height	16,2 mm / 0.638 inch
Depth	13,4 mm / 0.528 inch
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1,6 <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	90°

### PCB contact

PCB contact	THR
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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 (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.155 MJ
Weight	7 g

### Environmental Requirements

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

Packaging type	BOX
Country of origin	DE
GTIN	4050821396383
Customs Tariff No.	85366990990


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## Approvals / Certificates

### Country specific Approvals

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


### UL-Approvals

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

## Counterpart

## Compatible products

### Test Accessories

	Item no.: 735-500 Test pin; 1 mm Ø; with solder connection for test wire	<a href="http://www.wago.com/735-500">www.wago.com/735-500</a>
<b>tools</b>		
	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>

## Downloads

### Documentation

#### Additional Information

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

### CAD data

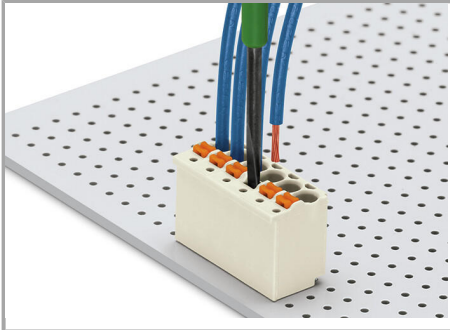
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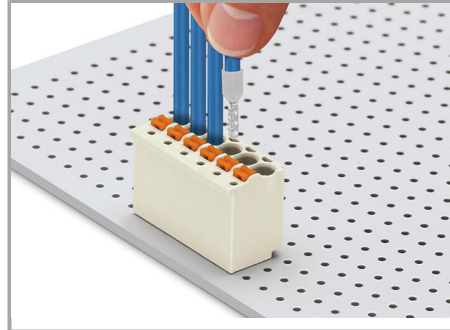
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## Installation Notes

### Conductor termination



Terminating fine-stranded conductors and removing all conductor types via push-buttons.



Terminating solid and ferruled conductors via push-in termination

### Marking



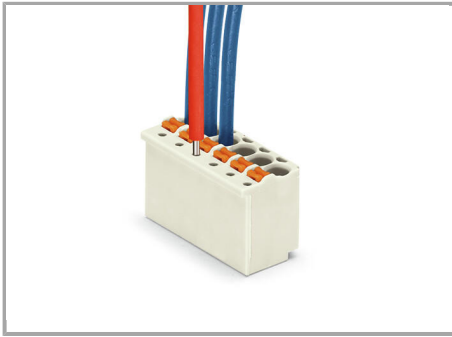
Pole marking via direct printing perpendicular to conductor entry.



Pole marking via factory direct printing.

### Testing

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



Testing with 1 mm Ø test pin, tip contact.

## Product family

**picoMAX eCOM**

[Show all products from the family](#)

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