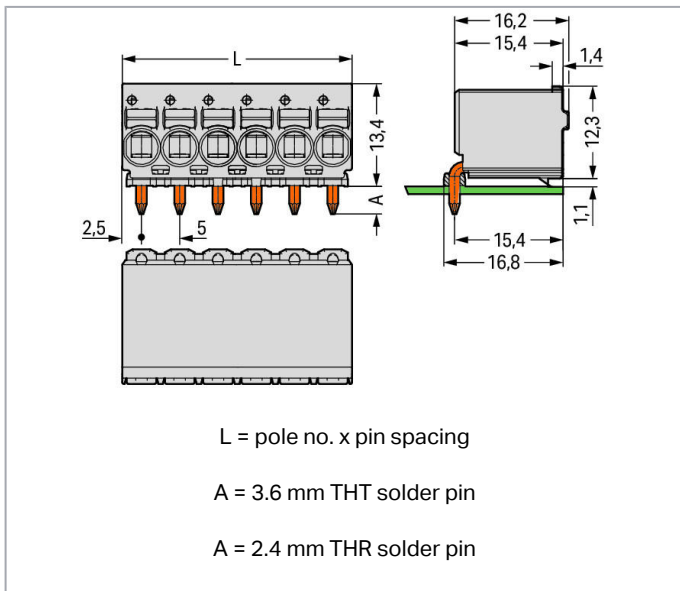
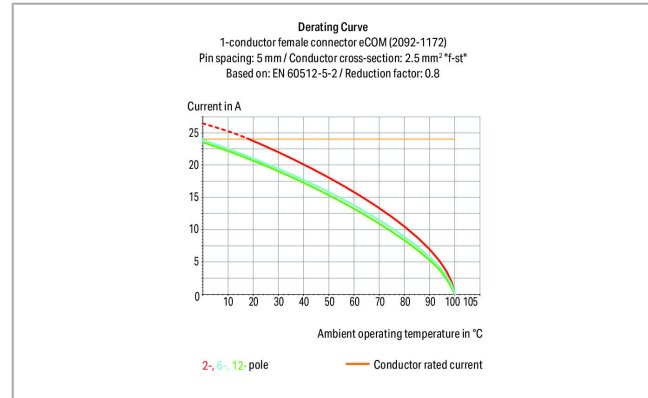
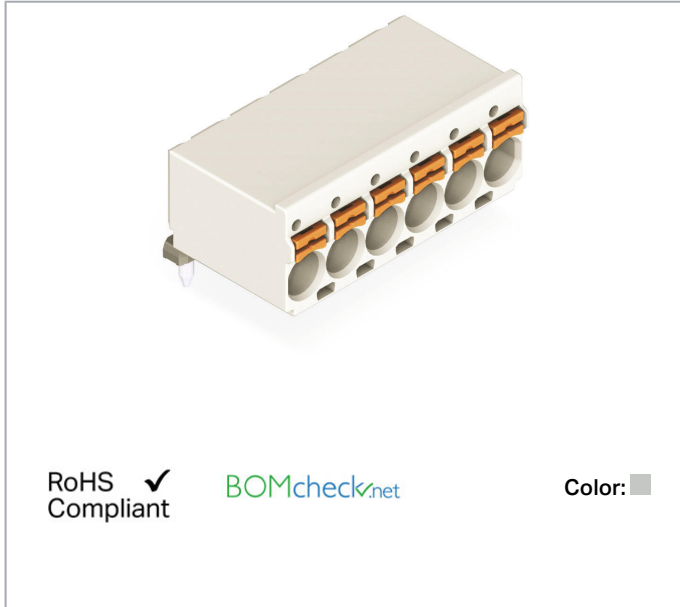


## Data sheet | Item number: 2092-1376/200-000

1-conductor female plug; push-button; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole;  
2,50 mm<sup>2</sup>; light gray



[www.wago.com/2092-1376/200-000](http://www.wago.com/2092-1376/200-000)



### Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors

—  
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.



- 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<sup>®</sup> 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

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge 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) $\triangleq$ 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

#### Ratings per CSA

Approvals per	CSA

### Connection data

Connection technology	Push-in CAGE CLAMP <sup>®</sup>
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Subject to changes. Please also observe the further product documentation!



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 insulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup>
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
Conductor connection direction to PCB	0°
Pole No.	6
Total number of connection points	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

### Physical data

Pin spacing	5 mm / 0.197 inch
Width	30 mm / 1.181 inch
Height	13.4 mm / 0.528 inch
Depth	15.4 mm / 0.606 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-in connection

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

### PCB contact

PCB Contact	THR
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### Material data

Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0

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

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Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.014 MJ
Weight	6.6 g

### Environmental requirements

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


Packaging type	BOX
Country of origin	DE
GTIN	4055143922081
Customs tariff number	85366990990

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-49737 /A1
	<b>CSA</b> DEKRA Certification B.V.	C22.2	2362521
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71-102261 REV.1

#### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>cURus</b> Underwriters Laboratories Inc.	UL 1059	E45172-20100415
	<b>UL</b> Underwriters Laboratories Inc.	UL 1977	20190909-E45171

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



## Downloads

### Documentation

#### Additional Information

Technical explanations	3. 4. 2019	pdf 2.0 MB	Download
THR Soldering Process		pdf 402.7 kB	Download

## CAD/CAE-Data

### CAD data

2D/3D Models 2092-1376/200-000	URL	Download
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### CAE data

ZUKEN Portal 2092-1376/200-000	URL	Download
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## Environmental Product Compliance

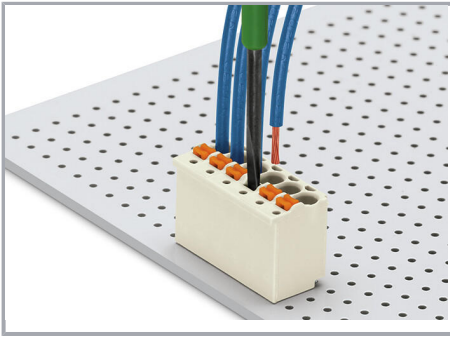
### Compliance Search

Environmental Product Compliance 2092-1376/200-000 1-conductor female plug; push-button; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 6-pole; 2,50 mm <sup>2</sup> ; light gray	URL	Download
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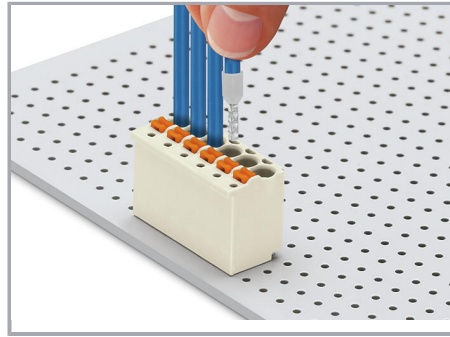
## Installation Notes

### Conductor termination

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



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



Solid and ferruled conductors are terminated by simply pushing them into unit.

### Marking

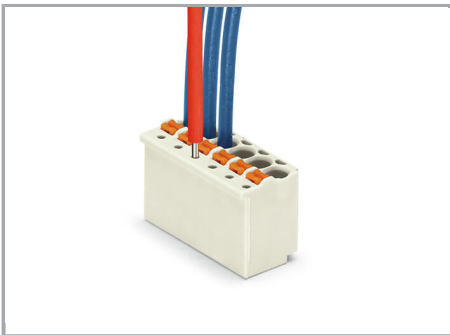


Pole marking via direct marking perpendicular to conductor entry.



Pole marking via factory direct marking.

### Testing



Testing via 1 mm Ø test pin – touch contact.

### Product family

[\*<i>picoMAX</i><sup>®</sup></i> <i>eCOM</i> 5.0\*](#)

[Show all products from the family](#)

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