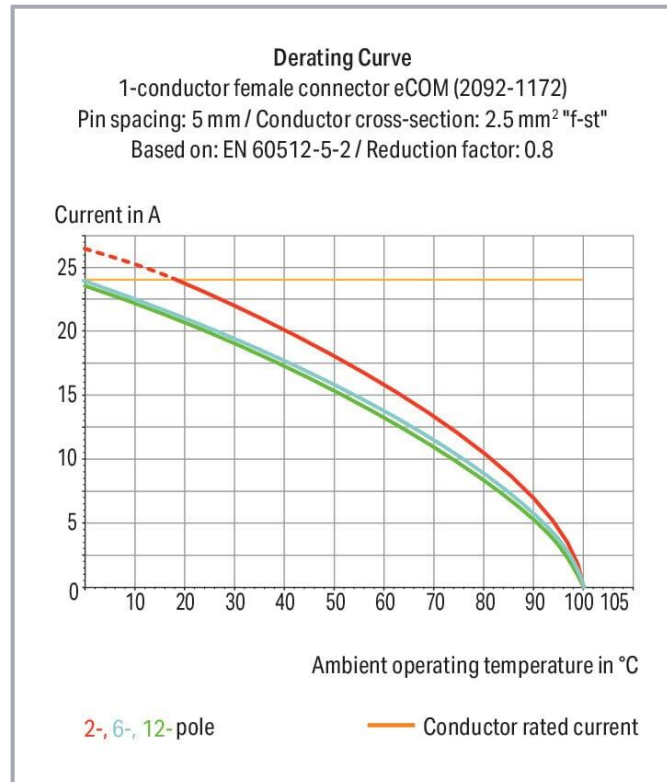
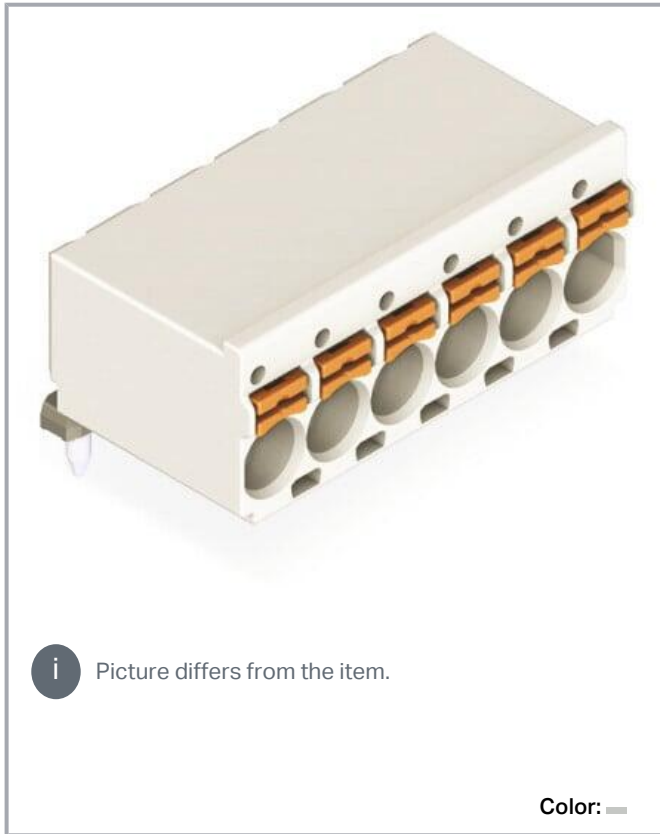


Data sheet | Item number: 2092-1379/200-000

1-conductor THR female connector angled; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 9-pole; 1.4 mm Ø solder pin; 2,50 mm²; light gray

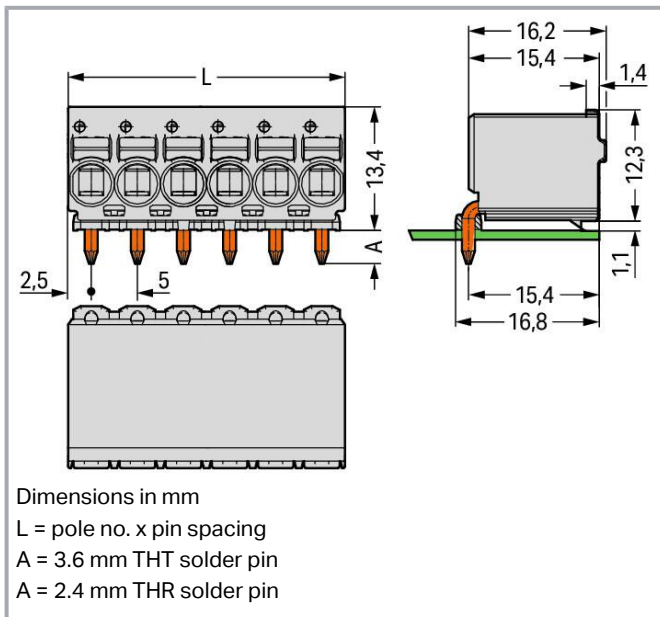
www.wago.com/2092-1379/200-000



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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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

Data

Notes

Safety information

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.

Electrical data

Ratings per IEC/EN

Ratings per

IEC/EN 60664-1

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

WAGO GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



| | |
|-------------------------------|--|
| Nominal 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 |
| 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 |

Connection data

| | |
|----------------------------|---|
| Connection points | 9 |
| Total number of potentials | 9 |
| Number of connection types | 1 |
| Number of levels | 1 |

Connection 1

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-button |
| Actuation direction 1 | Operation parallel to conductor entry |
| Solid conductor | 0.2 ... 2.5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor | 0.2 ... 2.5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 ... 1.5 mm ² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm ² |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 inches |
| Conductor connection direction to PCB | 0° |
| Pole number | 9 |

Physical data

| | |
|-------------|---------------------|
| Pin spacing | 5 mm / 0.197 inches |
|-------------|---------------------|

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



| | |
|------------------------------------|--------------------------|
| Width | 45 mm / 1.772 inches |
| Height | 13.4 mm / 0.528 inches |
| Depth | 15.4 mm / 0.606 inches |
| Solder pin length | 2.4 mm |
| Solder pin diameter | 1.4 mm |
| Plated through-hole diameter (THR) | 1.6 ^(+0.1) mm |

Mechanical data

| | |
|--------------------------|-----|
| Variable coding | No |
| Anti-rotation protection | Yes |

Plug-in connection

| | |
|--------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for PCB |
| Mismating protection | No |
| Plugging without loss of pin spacing | Yes |
| Mating direction to the PCB | 0 ° |
| Locking of plug-in connection | none |

PCB contact

| | |
|-------------|-----|
| PCB contact | THR |
|-------------|-----|

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | light gray |
| Material group | I |
| Insulation material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | Tin |
| Fire load | 0.023 MJ |
| Weight | 10.6 g |
| MSL per J-STD 020D | 1 |

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Environmental requirements

| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
| Processing temperature | -35 ... +60 °C |

Commercial data




| | |
|-----------------------|-------------------------|
| Product Group | 26 (picoMAX Connectors) |
| eCl@ss 10.0 | 27-44-04-02 |
| eCl@ss 9.0 | 27-44-04-02 |
| ETIM 8.0 | EC002637 |
| ETIM 7.0 | EC002637 |
| ECCN | NO DATA |
| PU (SPU) | 100 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4055143185721 |
| Customs tariff number | 85366990990 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------------|
| | CB DEKRA Certification B.V. | IEC 61984 | NL-49737 /A1 |
|  | CSA DEKRA Certification B.V. | C22.2 | 2362521 |
|  | cURus Underwriters Laboratories Inc. | UL 1059 | E45172 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 71- 102261 REV.2 |

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



UL
Underwriters Laboratories Inc.

UL 1977

E45171

Downloads

Documentation

Additional Information

| | | | |
|------------------------|------------|----------|----------|
| Technical Section | 2019 年4月3日 | pdf | Download |
| Technical explanations | | 2.1 MB | |
| THR Soldering Process | | pdf | Download |
| | | 556.8 kB | |

CAD/CAE-Data

CAD data

| | | |
|--------------------------------|-----|----------|
| 2D/3D Models 2092-1379/200-000 | URL | Download |
|--------------------------------|-----|----------|

CAE data

| | | |
|--------------------------------|-----|----------|
| ZUKEN Portal 2092-1379/200-000 | URL | Download |
|--------------------------------|-----|----------|

Asset Administration Shell

| | | |
|--|-----|----------|
| Asset Administration Shell 2092-1379/200-000 | URL | Download |
|--|-----|----------|

Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 2092-1379/200-000 | URL | Download |
| 1-conductor THR female connector angled; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 9-pole; 1.4 mm Ø solder pin; 2,50 mm²; light gray | | |

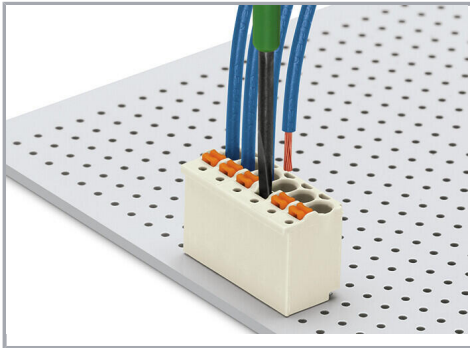
Installation Notes

Conductor termination

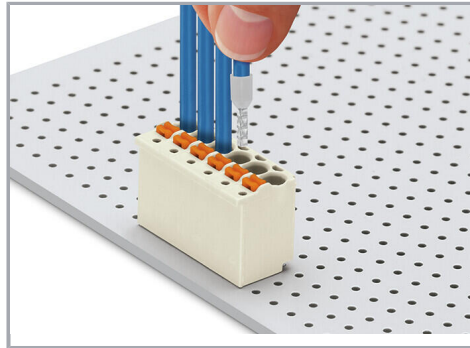
Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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

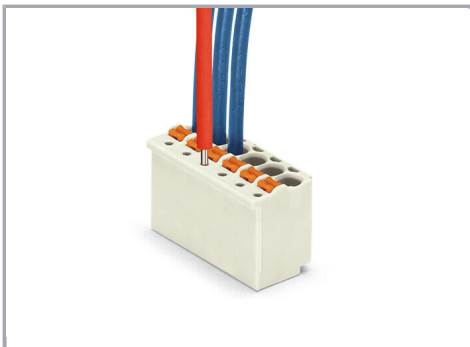


Pole marking via direct marking perpendicular to conductor entry.



Pole marking via factory direct marking.

Testing



Testing via 1 mm Ø test pin – touch contact.

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