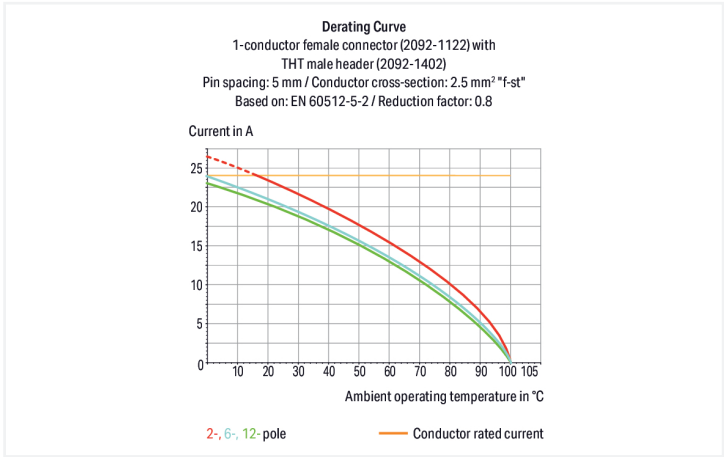
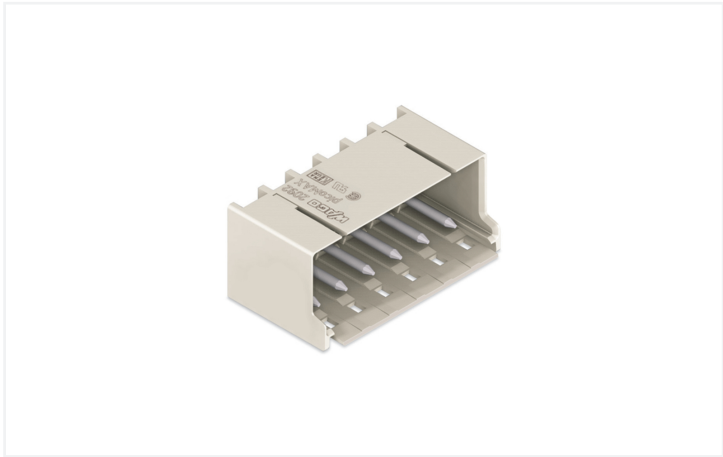
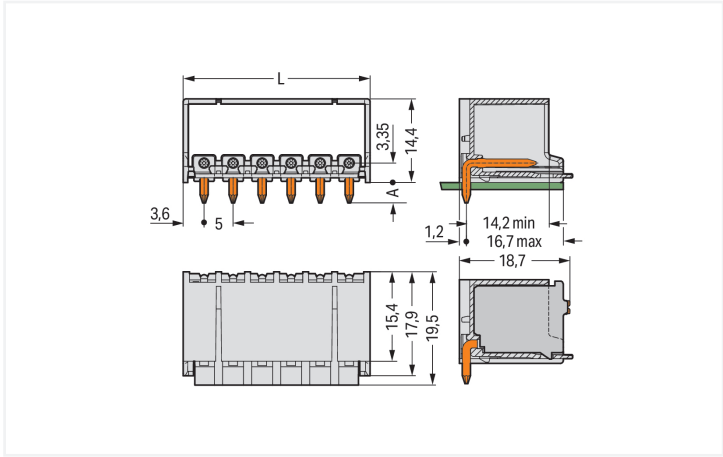




Color: ■ light gray



Dimensions in mm  
L = (pole no. x pin spacing) + 2.2 mm  
A = 3.6 mm THT solder pin  
A = 2.4 mm THR solder pin

Male connector, 2092 Series, with 5 mm pin spacing

Our male connector (item number 2092-1426) simplifies electrical installations. The dimensions are (32.2 x 18 x 19.5) mm (width x height x depth).

Tin is used for coating the contact surfaces. The pcb connector is designed for THT soldering.

| Notes              |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Information | The <b>picoMAX® Pluggable Connection System</b> 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. 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 un-mated. |
| Variants:          | Direct marking<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .                                                                                                                                                                                                                                                         |



| Electrical data                 |       |                |       |               |               |      |
|---------------------------------|-------|----------------|-------|---------------|---------------|------|
| Ratings per                     |       | IEC/EN 60664-1 |       |               | Approvals per |      |
|                                 |       | UL 1059        |       |               |               |      |
| Overvoltage category            | III   | III            | II    | Use group     | B             | C    |
| Pollution degree                | 3     | 2              | 2     | Rated voltage | 300 V         | -    |
| Nominal voltage                 | 250 V | 320 V          | 630 V | Rated current | 15 A          | -    |
| Rated impulse withstand voltage | 4 kV  | 4 kV           | 4 kV  |               |               | 10 A |
| Rated current                   | 16 A  | 16 A           | 16 A  |               |               |      |

| Connection Data            |   |              |   |
|----------------------------|---|--------------|---|
| Total number of potentials | 6 | Connection 1 |   |
| Number of connection types | 1 | Pole number  | 6 |
| Number of levels           | 1 |              |   |

| Physical data           |                        |
|-------------------------|------------------------|
| Pin spacing             | 5 mm / 0.197 inches    |
| Width                   | 32.2 mm / 1.268 inches |
| Height                  | 18 mm / 0.709 inches   |
| Height from the surface | 14.4 mm / 0.567 inches |
| Depth                   | 19.5 mm / 0.768 inches |
| Solder pin length       | 3.6 mm                 |
| Solder pin diameter     | 1.4 mm                 |
| !                       | 1.6 (+0.1) mm          |

| Mechanical data          |     |
|--------------------------|-----|
| Variable coding          | Yes |
| Anti-rotation protection | Yes |

| Plug-in connection                   |                     |
|--------------------------------------|---------------------|
| Contact type (pluggable connector)   | Male connector/plug |
| 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        | Locking latch       |

| PCB contact |     |
|-------------|-----|
| PCB contact | THT |

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | light gray                                                               |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyphthalamide (PPA GF)                                                 |
| Flammability class per UL94        | V0                                                                       |
| Contact material                   | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.071 MJ                                                                 |
| Weight                             | 3.7 g                                                                    |



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

| Commercial data       |                         |
|-----------------------|-------------------------|
| Product Group         | 26 (picoMAX Connectors) |
| PU (SPU)              | 100 pcs                 |
| Packaging type        | Box                     |
| Country of origin     | DE                      |
| GTIN                  | 4050821163954           |
| Customs tariff number | 85366930000             |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121409             |
| eCl@ss 10.0            | 27-44-04-02          |
| eCl@ss 9.0             | 27-44-04-02          |
| ETIM 9.0               | EC002637             |
| ETIM 10.0              | EC002637             |
| ECCN                   | NO US CLASSIFICATION |

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

Approvals / Certificates

General approvals



| Approval                                   | Standard      | Certificate Name |
|--------------------------------------------|---------------|------------------|
| CB<br>DEKRA Certification B.V.             | IEC 61984     | NL-89885         |
| CSA<br>CSA Group                           | C22.2         | 2362521          |
| CSA<br>DEKRA Certification B.V.            | C22.2 No. 158 | 2362521          |
| cURus<br>Underwriters Laboratories<br>Inc. | UL 1059       | E45172           |
| KEMA/KEUR<br>DEKRA Certification B.V.      | EN 61984      | 71-129874        |
| UL<br>Underwriters Laboratories<br>Inc.    | UL 1977       | E45171           |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1426

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 2092-1426

↓

CAE data

ZUKEN Portal 2092-1426

↓

PCB Design

Symbol and Footprint via SamacSys 2092-1426

↓

Symbol and Footprint via Ultra Librarian 2092-1426

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>Item No.: 2092-1126</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; 2,50 mm²; light gray</div>                                                                    |  <div><b>Item No.: 2092-1126/000-1000</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; direct marking; 2,50 mm²; light gray</div> |  <div><b>Item No.: 2092-1126/000-5000</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; direct marking; 2,50 mm²; light gray</div>                 |  <div><b>Item No.: 2092-1106/002-000</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate sliding connector release; 2,50 mm²; light gray</div> |
|  <div><b>Item No.: 2092-1106/002-1000</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate sliding connector release; direct marking; 2,50 mm²; light gray</div> |  <div><b>Item No.: 2092-1106</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate; 2,50 mm²; light gray</div>          |  <div><b>Item No.: 2092-1106/000-1000</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate; direct marking; 2,50 mm²; light gray</div> |  <div><b>Item No.: 2092-1106/000-5000</b><br/>1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 6-pole; Gripping plate; direct marking; 2,50 mm²; light gray</div>          |

|                          |
|--------------------------|
| 1.2 Optional Accessories |
| 1.2.1 Coding             |
| 1.2.1.1 Coding           |



Item No.: [2092-1610](#)  
Coding key carrier; orange

|                    |
|--------------------|
| Installation Notes |
| Coding             |



Coding a male header (via coding key carrier and two keys for male header, see symbol).