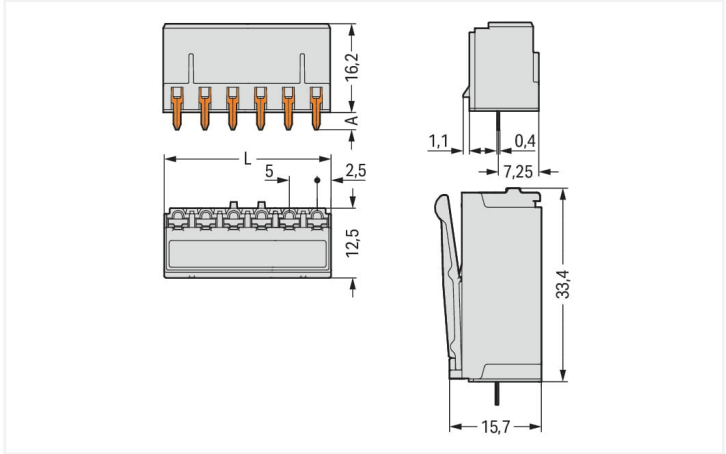
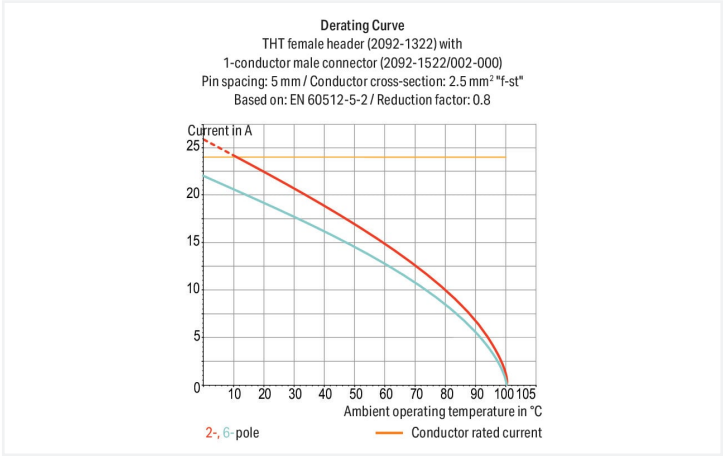




Color: ■ light gray



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



- Touch-proof PCB outputs
- Easy-to-identify PCB inputs and outputs
- Coding option available

| 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. The circuit design should ensure header pins, which can be touched, are not live when unmated. |  |

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



| Connection data            |   |                     |
|----------------------------|---|---------------------|
| Connection points          | 6 | <b>Connection 1</b> |
| Total number of potentials | 6 |                     |
| Number of connection types | 1 |                     |
| Number of levels           | 1 |                     |
|                            |   | Pole number 6       |

| Physical data                        |                          |  |
|--------------------------------------|--------------------------|--|
| Pin spacing                          | 5 mm / 0.197 inches      |  |
| Width                                | 30 mm / 1.181 inches     |  |
| Height                               | 19.8 mm / 0.78 inches    |  |
| Height from the surface              | 16.2 mm / 0.638 inches   |  |
| Depth                                | 13.6 mm / 0.535 inches   |  |
| Solder pin length                    | 3.6 mm                   |  |
| Solder pin dimensions                | 0.4 x 1.3 mm             |  |
| Drilled hole diameter with tolerance | 1.5 <sup>(+0.1)</sup> mm |  |

| Mechanical data          |     |  |
|--------------------------|-----|--|
| Variable coding          | Yes |  |
| 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          | 90 °                    |  |

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

| Material data               |                                                                                                                        |  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|--|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |  |
| Color                       | light gray                                                                                                             |  |
| Material group              | I                                                                                                                      |  |
| Insulation material         | Polyphthalamide (PPA GF)                                                                                               |  |
| Flammability class per UL94 | V0                                                                                                                     |  |
| Contact material            | Copper alloy                                                                                                           |  |
| Contact plating             | Tin                                                                                                                    |  |
| Fire load                   | 0.138 MJ                                                                                                               |  |
| Weight                      | 5.6 g                                                                                                                  |  |



| 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                |
| PU (SPU)              | 100 pcs                 |
| Packaging type        | Box                     |
| Country of origin     | DE                      |
| GTIN                  | 4050821163671           |
| Customs tariff number | 85366990990             |

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

Approvals / Certificates

General approvals



| Approval                                | Standard      | Certificate Name |
|-----------------------------------------|---------------|------------------|
| CSA<br>DEKRA Certification B.V.         | C22.2 No. 158 | 2362521          |
| CSA<br>DEKRA Certification B.V.         | C22.2         | 2362521          |
| cURus<br>Underwriters Laboratories Inc. | UL 1059       | E45172           |
| KEMA/KEUR<br>DEKRA Certification B.V.   | EN 61984      | 71-102261 REV.2  |
| UL<br>Underwriters Laboratories Inc.    | UL 1977       | E45171           |

Downloads

Environmental Product Compliance

| Compliance Search                          |  |
|--------------------------------------------|--|
| Environmental Product Compliance 2092-1306 |  |



Documentation

| Additional Information |            |                   |  |
|------------------------|------------|-------------------|--|
| Technical Section      | 03.04.2019 | pdf<br>2010.85 KB |  |

CAD/CAE-Data

| CAD data                  |  |
|---------------------------|--|
| 2D/3D Models<br>2092-1306 |  |

| CAE data                  |  |
|---------------------------|--|
| ZUKEN Portal<br>2092-1306 |  |