

## Data Sheet | Item Number: 2092-1710

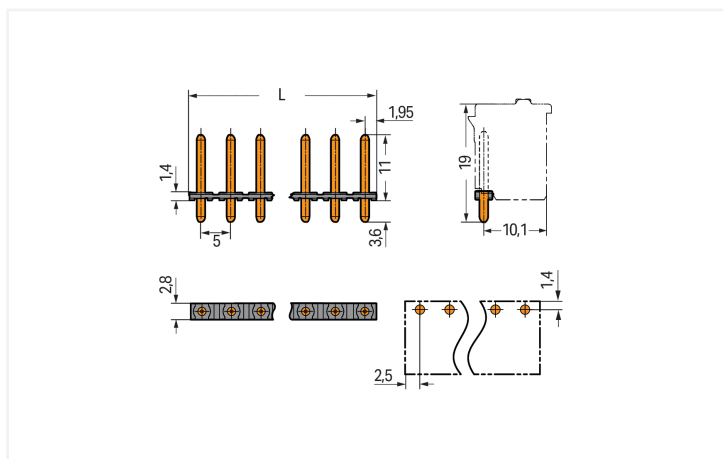
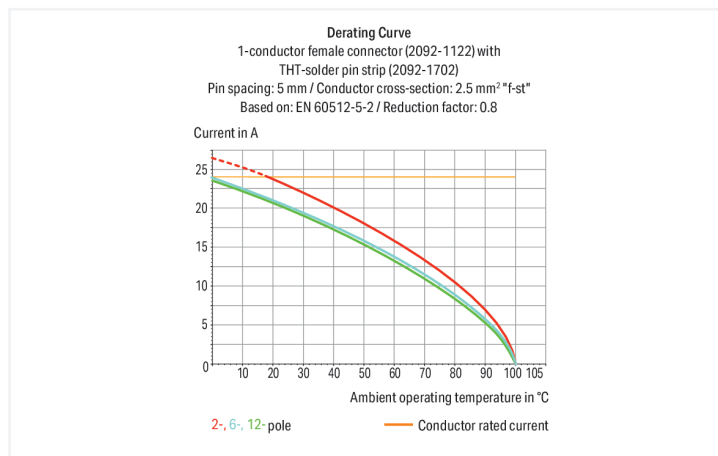
THT pin strip; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 10-pole; black

<https://www.wago.com/2092-1710>



Color: ■ black

Similar to illustration



Dimensions in mm

$L = (\text{pole no.} - 1) \times \text{pin spacing} + 3.9 \text{ mm}$

Male connector, 2092 Series, with 5 mm pin spacing

This male connector (item number 2092-1710) is designed for hassle-free electrical installations. The dimensions are (52.9 x 14.6 x 2.8) 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. |

| Electrical data                 |                |       |       |
|---------------------------------|----------------|-------|-------|
| Ratings per                     | IEC/EN 60664-1 |       |       |
| Overvoltage category            | III            | III   | II    |
| Pollution degree                | 3              | 2     | 2     |
| Nominal voltage                 | 250 V          | 320 V | 630 V |
| Rated impulse withstand voltage | 4 kV           | 4 kV  | 4 kV  |
| Rated current                   | 16 A           | 16 A  | 16 A  |

| Connection Data            |   |                     |
|----------------------------|---|---------------------|
| Number of connection types | 1 | <b>Connection 1</b> |
| Number of levels           | 1 |                     |
|                            |   | Pole number 10      |

| Physical data           |                          |
|-------------------------|--------------------------|
| Pin spacing             | 5 mm / 0.197 inches      |
| Width                   | 52.9 mm / 2.083 inches   |
| Height                  | 14.6 mm / 0.575 inches   |
| Height from the surface | 11 mm / 0.433 inches     |
| Depth                   | 2.8 mm / 0.110 inches    |
| Solder pin length       | 3.6 mm                   |
| Solder pin diameter     | 1.4 mm                   |
| !                       | 1.6 <sup>(+0.1)</sup> mm |

| Mechanical data          |     |
|--------------------------|-----|
| Variable coding          | No  |
| 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          | 90 °                |



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

| Material data                      |  |                                                                          |
|------------------------------------|--|--------------------------------------------------------------------------|
| Note (material data)               |  | <a href="#">Information on material specifications can be found here</a> |
| Color                              |  | black                                                                    |
| 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 MJ                                                                     |
| Weight                             |  | 2.1 g                                                                    |

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

| Commercial data       |  |               |
|-----------------------|--|---------------|
| PU (SPU)              |  | 300 pcs       |
| Packaging type        |  | Bag           |
| Country of origin     |  | CN            |
| GTIN                  |  | 4055143935388 |
| Customs tariff number |  | 85366930000   |

| Product Classification |  |                      |
|------------------------|--|----------------------|
| UNSPSC                 |  | 39121409             |
| 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          |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61984  | 71-129874        |
| UL<br>Underwriters Laboratories Inc.  | UL 1977   | E45171           |



|                                            |  |  |  |
|--------------------------------------------|--|--|--|
| Downloads                                  |  |  |  |
| Environmental Product Compliance           |  |  |  |
| Compliance Search                          |  |  |  |
| Environmental Product Compliance 2092-1710 |  |  |  |

|                        |            |                   |  |
|------------------------|------------|-------------------|--|
| Documentation          |            |                   |  |
| Additional Information |            |                   |  |
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |

|                        |  |  |  |
|------------------------|--|--|--|
| CAD/CAE-Data           |  |  |  |
| CAD data               |  |  |  |
| 2D/3D Models 2092-1710 |  |  |  |