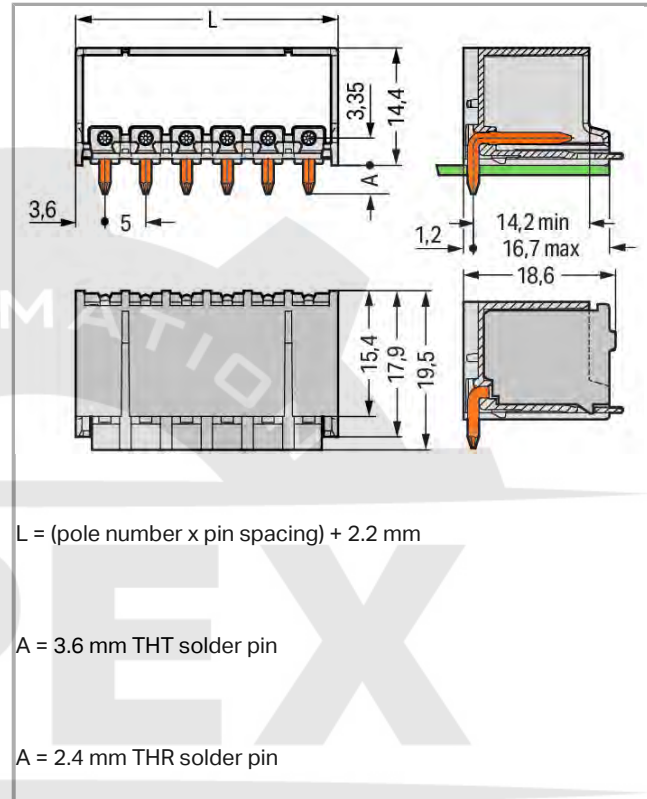


## Data sheet | Item number: 2092-1426/200-000

THR male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 6-pole



2092-1426/200-000



RoHS  
Compliant

BOMcheck.net

Color: ■

### Item description

- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header
- Coding pins inserted into the header interface prevent mismatching, allowing subsequent coding in panel feedthrough applications
- The female connector is fully shrouded by the male header's housing, providing vibration resistance up to 20 g

### Safety information 1:

The **picoMAX® pluggable connection system** is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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 60664-1

Rated 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  |
| Rated voltage (II / 2)          | 630 V |
| Rated impulse voltage (II / 2)  | 4 kV  |
| Rated current                   | 16 A  |

## 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

|                            |   |
|----------------------------|---|
| No. of poles               | 6 |
| Total number of potentials | 6 |
| Number of connection types | 1 |
| Number of levels           | 1 |

## Geometrical Data

|                         |                      |
|-------------------------|----------------------|
| Pin spacing             | 5 mm / 0.197 inch    |
| Width                   | 32.2 mm / 1.268 inch |
| Height                  | 16.8 mm / 0.661 inch |
| Height from the surface | 14.4 mm / 0.567 inch |
| Depth                   | 19.5 mm / 0.768 inch |
| Solder pin length       | 2.4 mm               |
| Solder pin diameter     | 1.4 mm               |

## Plug connection

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type          | for PCBs            |
| Mismating protection               | No                  |
| Mating direction to the PCB        | 0°                  |
| Locking of plug-in connection      | Male locking latch  |

## PCB contact

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

## Material Data

|                             |                                        |
|-----------------------------|----------------------------------------|
| Color                       | light gray                             |
| Material group              | I                                      |
| Insulating material         | Polyphthalamide (PPA GF)               |
| Flammability class per UL94 | V0                                     |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0.071 MJ                               |
| Weight                      | 3.62 g                                 |

## Environmental Requirements

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

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4050821395775 |
| Customs Tariff No. | 85366990990   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                                     | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------|
|                                                                                    | <b>CB</b><br>DEKRA Certification B.V.        | IEC 61984                | NL-49737         |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | IEC 61984                | 71-102261        |

### UL-Approvals

| Logo                                                                               | Approval                                       | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|------------------|
|  | <b>cURus</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |
|  | <b>UR</b><br>Underwriters Laboratories Inc.    | UL 1977                  | 20170428-E45171  |



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