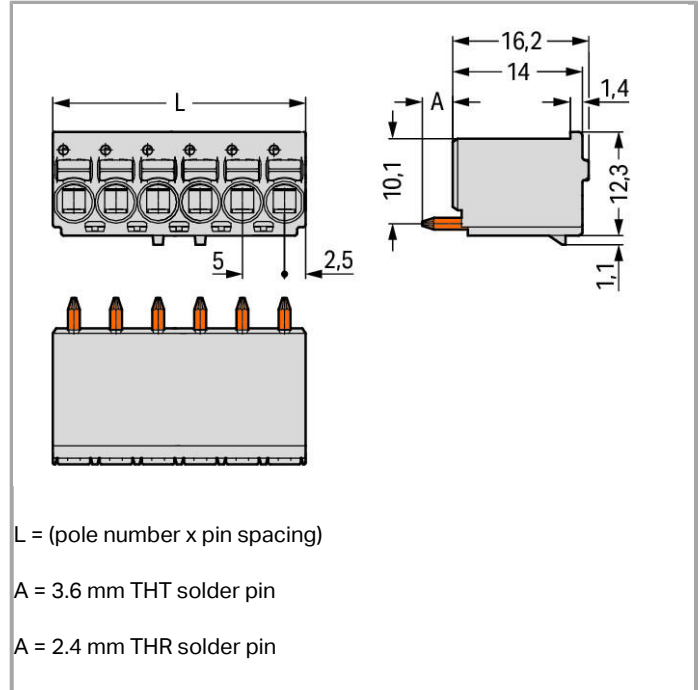
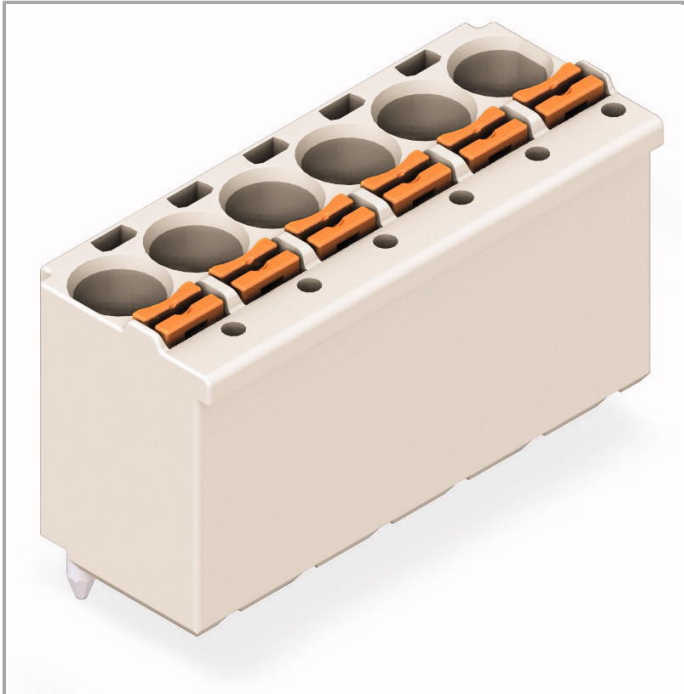


Data sheet | Item number: 2092-1174

1-conductor THT female header; 1.4 mm Ø solder pin; straight; 2.5 mm²; Pin spacing 5 mm; 4-pole

www.wago.com/2092-1174



L = (pole number x pin spacing)

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin

RoHS Compliant

BOMcheck.net

Color:

Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Custom-installed solder pins

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 |
| Legend (ratings) | (III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP [®] |
| Actuation type | Push-button |
| 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 ferrule with plastic collar | 0.25 ... 1.5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm ² |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 Inch |
| Conductor entry angle to the PCB | 90° |
| No. of poles | 4 |
| Total number of connection points | 4 |
| Total number of potentials | 4 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|-----------------------------------|--------------------------|
| Pin spacing | 5 mm (0.197 inch) |
| Width | 20 mm / 0.787 inch |
| Height | 16.2 mm / 0.638 inch |
| Depth | 13.4 mm / 0.528 inch |
| Solder pin length | 3.6 mm |
| Solder pin diameter | 1.4 mm |
| Drilled hole diameter (tolerance) | 1.6 ^(+0.1) mm |

Plug connection

| | |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector connection type | for PCBs |
| Mismating protection | No |
| Mating direction to the PCB | 90° |

PCB contact

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

Material Data

| | |
|-----------------------------|-----------------------------------|
| Color | light gray |
| Material group | I |
| Insulating material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load | 0.086 MJ |
| Weight | 4.459 g |

Environmental Requirements



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

Commercial data

| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4050821165125 |
| Customs Tariff No. | 85366990990 |
| Product Group | 26 (picoMAX) |

Approvals / Certificates

UL-Approvals

| Logo | Approval | Certificate name |
|--|---|------------------|
|  | cURus Underwriters Laboratories Inc. | E45172 |
|  | UR Underwriters Laboratories Inc. | E45171 |

Compatible products

check



Item no.: 735-500

Test pin; with solder connection for test wire

www.wago.com/735-500

tools



Item no.: 210-719

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

www.wago.com/210-719

Downloads

smartDATA

CAD data

| | URL | Download |
|-----------------------|-----|----------|
| 3D Download 2092-1174 | | |

PCB libraries

| | | | |
|---|---------------------|---------------|----------|
| EAGLE Library for WAGO picoMAX [®] | 2.1 Nov 17, 2017 | ZIP 1.9 MB | Download |
|---|---------------------|---------------|----------|

| | | | |
|---|----------------------|---------------|----------|
| TARGET Library for WAGO picoMAX [®] | 1.1.0 Oct 6, 2014 | ZIP 2.4 MB | Download |
| Compatible with TARGET PCB Design Software Version 17.x | | | |

| | | | |
|---|--------------------|---------------|----------|
| DesignSpark Library for WAGO picoMAX [®] | 2.1 Oct 6, 2014 | ZIP 2.0 MB | Download |
| Compatible with DesignSpark PCB Version 4.x or higher | | | |

Product family

picoMAX eCOM

[Show all products from the family](#)

Subject to changes.