

Data sheet | Item number: 2092-1728

THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 8-pole;
black



www.wago.com/2092-1728



Subject to changes. Please also observe the further product documentation!

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Item description

- Solder pin strips may be mounted horizontally or vertically via straight or angled solder pins
- Assembly of female connectors without loss of poles, allowing different functions to be divided within one solder pin strip

Data

Notes

Safety information

The **picoMAX[®] Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected

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/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

| Ratings per | IEC/EN 60664-1 |
|-------------------------------|---|
| Nominal 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 |
| Nominal voltage (II/2) | 630 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

Connection data

| | |
|----------------------------|---|
| Number of connection types | 1 |
| Number of levels | 1 |

Connection 1

| | |
|-------------|---|
| Pole number | 8 |
|-------------|---|

Physical data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 5 mm / 0.197 inches |
| Width | 43.2 mm / 1.701 inches |
| Height | 7.6 mm / 0.299 inches |
| Height from the surface | 4 mm / 0.157 inches |
| Depth | 12.3 mm / 0.484 inches |
| Solder pin length | 3.6 mm |
| Solder pin diameter | 1.4 mm |
| Drilled hole diameter with tolerance | 1.6 ^(+0.1) mm |

Mechanical Data

| | |
|-----------------|----|
| Variable coding | No |
|-----------------|----|

Subject to changes. Please also observe the further product documentation!



| | |
|--------------------------|-----|
| 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 | none |

PCB contact

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

Material Data

| | |
|----------------------|--|
| Note (material data) | Information on material specifications can be found here |
|----------------------|--|

| | |
|-----------------------------|--|
| Color | black |
| Material group | I |
| Insulation material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | Tin |
| Weight | 2.2 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| ETIM 8.0 | EC002637 |
| ETIM 7.0 | EC002637 |
| PU (SPU) | 300 pcs |
| Packaging type | bag |
| Country of origin | CN |
| GTIN | 4055143934558 |
| Customs tariff number | 85366930000 |

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|--|--------------------------|------------------------|
| | CSA DEKRA Certification B.V. | C22.2 | 2362521 |
| | KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 71- 102261 REV.2 |
| | UL Underwriters Laboratories Inc. | UL 1977 | E45171 |

Counterpart

Item no.2092-1128

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 8-pole; 2,50 mm²; light graywww.wago.com/2092-1128

Downloads

Documentation

Additional Information

2019 年4月3日

pdf
2.0 MB

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CAD/CAE-Data

CAE data

ZUKEN Portal 2092-1728

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CAD data

2D/3D Models 2092-1728

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1728

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Installation Notes

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