

Item description

- Lötstiftleisten mit geraden und abgewinkelten Lötstiften für rechtwinklige und parallele Steckrichtung zur Leiterplatte
- Polverlustfreies Aneinanderreihen von mehreren Federleisten in einer Lötstiftleiste zur Trennung von Funktionen möglich

Safety information 1:

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



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/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

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|---|
| Nominal voltage (III/3) | 250 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated surge 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) ≙ Overvoltage category III / Pollution degree 2 |

Ratings per UL

| | |
|---------------|---------|
| Approvals per | UL 1059 |
|---------------|---------|

Ratings per CSA

| | |
|---------------|-----|
| Approvals per | CSA |
|---------------|-----|

Connection data

| | |
|----------------------------|---|
| Pole No. | 7 |
| Number of connection types | 1 |
| Number of levels | 1 |

Physical data

| | |
|-------------------------|----------------------|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 38.2 mm / 1.504 inch |
| Height | 6.4 mm / 0.252 inch |
| Height from the surface | 4 mm / 0.157 inch |
| Depth | 12.3 mm / 0.484 inch |
| Solder pin length | 2.4 mm |

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Do you have any questions about our products?
 We are always happy to take your call at 01788 568 008.



| | |
|------------------------------------|---------------|
| Solder pin diameter | 1.4 mm |
| Plated through-hole diameter (THR) | 1.6 (+0.1) mm |

Plug-in connection

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

PCB contact

| | |
|-------------|-----|
| PCB Contact | THR |
|-------------|-----|

Material data

| | |
|-----------------------------|--|
| Color | black |
| Material group | I |
| Insulation material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Weight | 1.8 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | bag |
| Country of origin | CN |
| GTIN | 4055143934589 |
| Customs tariff number | 85369010000 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---------------------------------|--------------------------|------------------|
| | CSA DEKRA Certification B.V. | C22.2 | 2362521 |

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KEMA/KEUR
DEKRA Certification B.V.

EN 61984

71-
102261
REV.1

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|---------------------|
|  | UL Underwriters Laboratories Inc. | UL 1977 | 20190909- E45171 |

Downloads

Documentation

Additional Information

| | | | |
|------------------------|------------|-----------------|----------|
| Technical explanations | 3. 4. 2019 | pdf 2.0 MB | Download |
| THR Soldering Process | | pdf 402.7 kB | Download |

Installation Notes

Product family

<i>picoMAX</i>[®] 5.0
[Show all products from the family](#)

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