

Data sheet

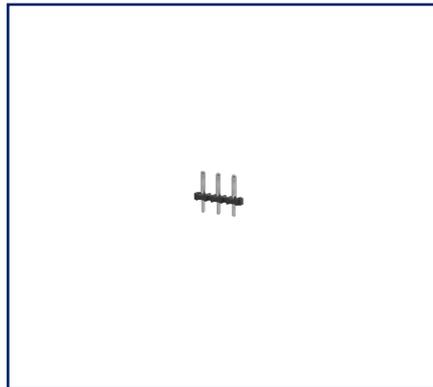
PR01503VBHC Type 017

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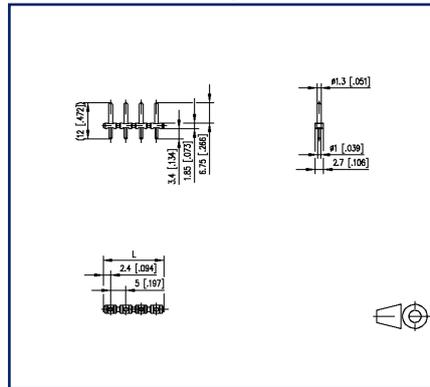
P/N
31017103

2026/03/17
Version: A

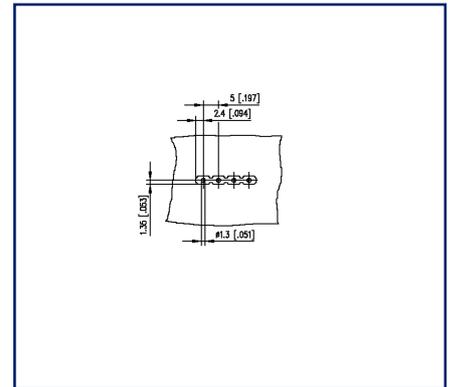
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- pin header, THR solderable
- centerline 5.00 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- Tape & Reel packaging possible



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Technical Data

General Data

| | | | |
|---------------------------|---------|-------|-------|
| Solder pin length | 3.4 mm | | |
| pole size | 3 | | |
| Insulating material class | CTI 400 | | |
| clearance/creepage dist. | 3.7 mm | | |
| Protection category | IP00 | | |
| Rated current | 10 A | | |
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Rated voltage | 250 V | 500 V | 500 V |
| Rated test voltage | 4 kV | 4 kV | 4 kV |

Approvals

| | |
|---|------------------------------|
|  V / A | 300 / 15 |
| approval UL - File No. | E121004 |
|  | 250 V / 4 kV / 10 A / 1.0 mm |

Material

| | |
|-----------------------------|-------------------------------|
| insulating material | PA |
| flammability class | V0 |
| contact pin material | CuZnPb |
| contact pin surface | Ni + Ag |
| Glow-Wire Flammability GWFI | 960 °C acc. to IEC 60695-2-12 |
| Glow-Wire Flammability GWIT | 775 °C acc. to IEC 60695-2-13 |

Climatic Data

| | |
|-------------------------|--------|
| upper limit temperature | 105 °C |
| lower limit temperature | -40 °C |

general

| | |
|---------------|--------------|
| Tolerance | ISO 2768 -mH |
| Solderability | reflowable |

Application note

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This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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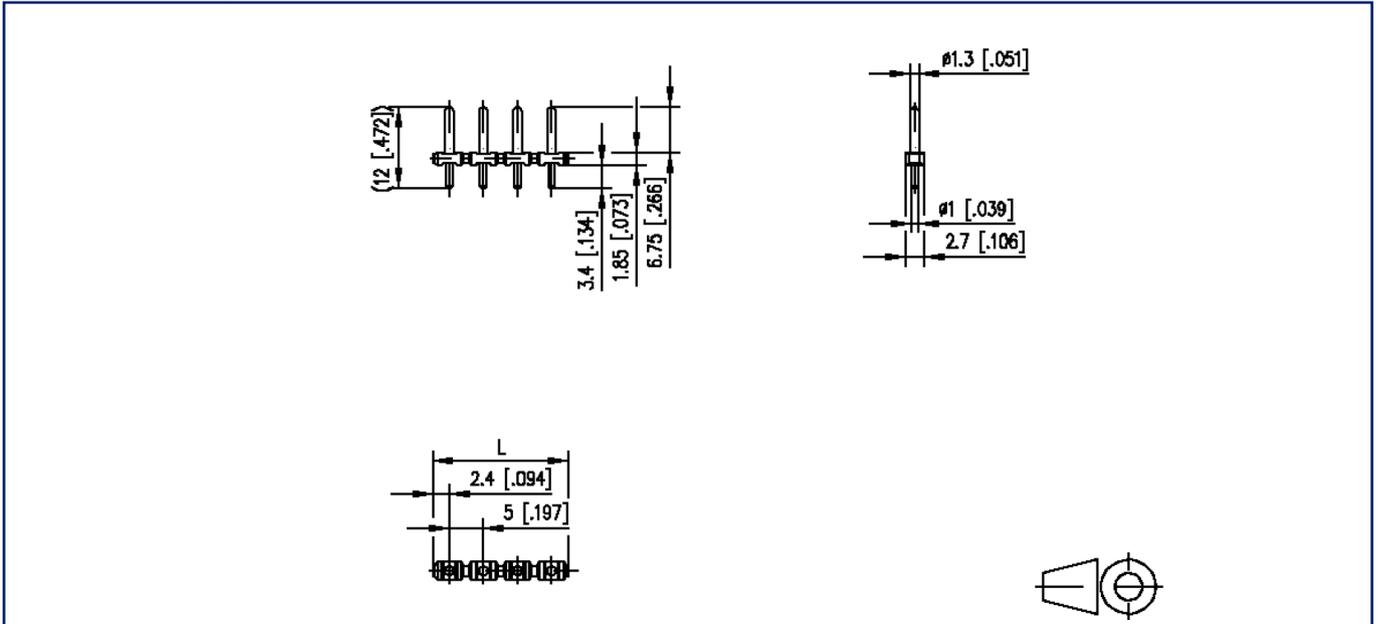
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P/N
310171032026/03/17
Version: A**Counterpart of**

| P/N | Designation |
|----------------|---|
| 31007103 | RP02503IBWC Typ 007 |
| 31107103 | RP02503HBWC Type 107 |
| 709002 | Tape_017_15.5_3pol_32mm CT2403 CL5 25B6 L14 W32 Tape_017_32mm |
| ASP0250304-001 | SP02503HDNC ASP0250304-001 |

Illustrations

Dimensional drawing as an example



$L = (\text{pole size} - 1) \times \text{centerline} + 4.8 \text{ mm} [0.189]$

Illustrations

Drill pattern as an example

