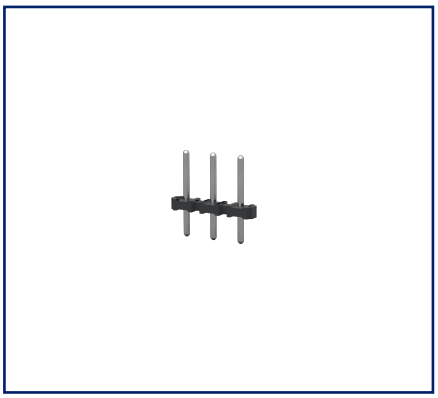
# Data sheet
## PR03503VBHC (Type 046)



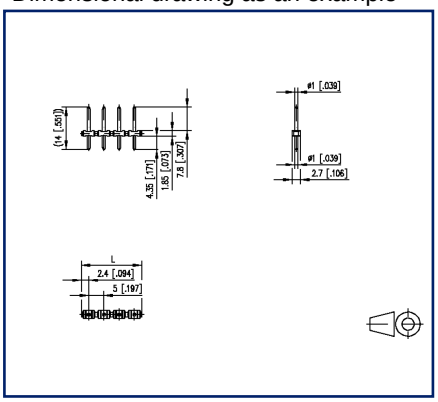
P/N
31046103

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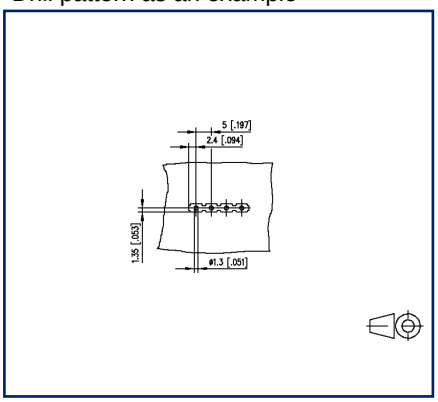
## Illustrations



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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METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany
Phone +49 7702 533-0 | Fax +49 7702 533-433 | info@metz-connect.com
Weitere Dokumentation siehe / additional documentation see /
documentation supplémentaire voir www.metz-connect.com

## Technical Data

| | | | |
|---|---|---|---|
| **General Data** | | | |
| Solder pin length | 4.35 mm | | |
| pole size | 3 | | |
| Insulating material class | CTI 400 | | |
| clearance/creepage dist. | 4 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 | 6 kV | 6 kV | 6 kV |
| **Approvals** | | | |
| c UL us V / A | 300 / 10 | | |
| approval UL - File No. | E121004 | | |
| SEV | 250 V / 4 kV / 13.5 A / 1.0 mm | | |
| **Material** | | | |
| insulating material | PA | | |
| flammability class | V0 | | |
| contact pin material | CuZnPb | | |
| contact pin surface | Ni + Ag | | |
| Glow-Wire Flammability GWFI | 850 °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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## Technical Data

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.

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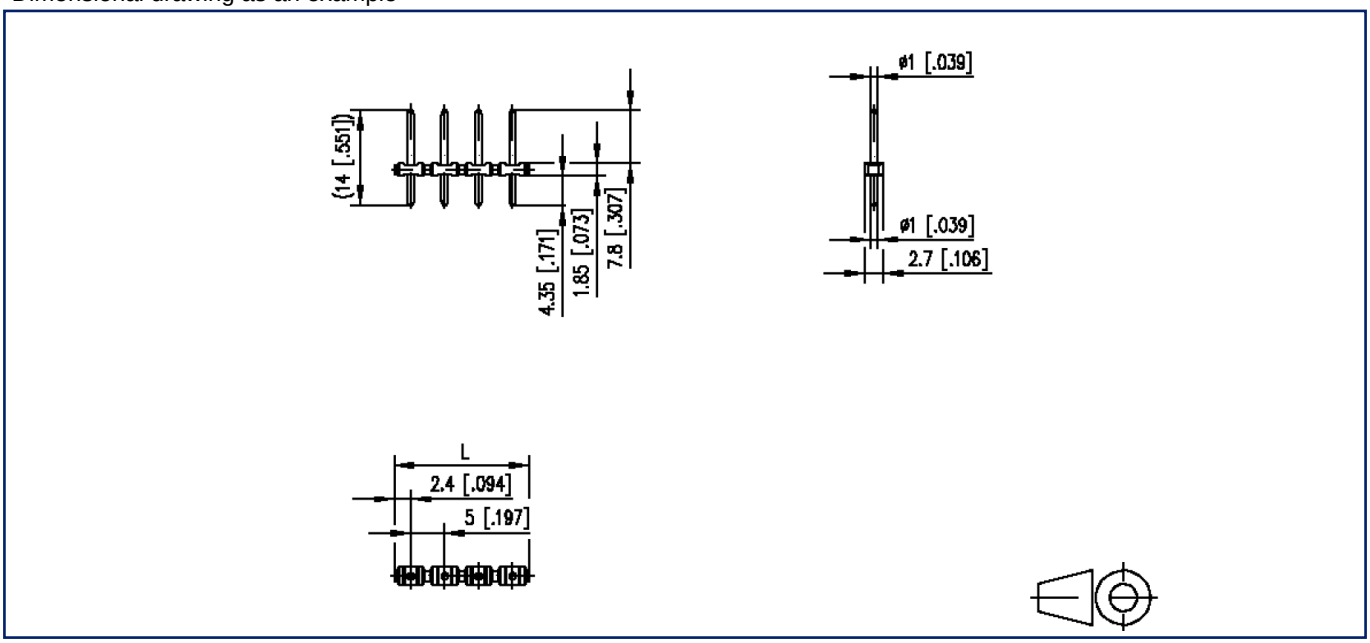
## Counterpart of

| P/N | Designation |
|---|---|
| 31157103 | RP09503RBWC Type 157 with clip system |
| 709012 | Tape_046_017_32mm CT2481 CL5 25B6 L14 W32 Tape_046_32mm |

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## Illustrations

Dimensional drawing as an example

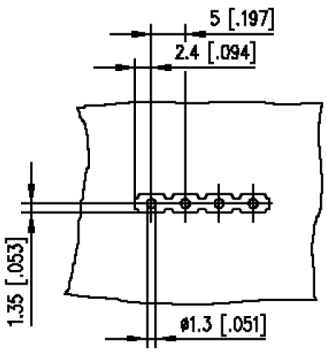



L=(pole size - 1) x centerline + 4.8 mm [0.189]

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## Illustrations

Drill pattern as an example




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