

## Data sheet

PR015xxVBHC Type 017

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P/N

310171xx

xx=number of poles

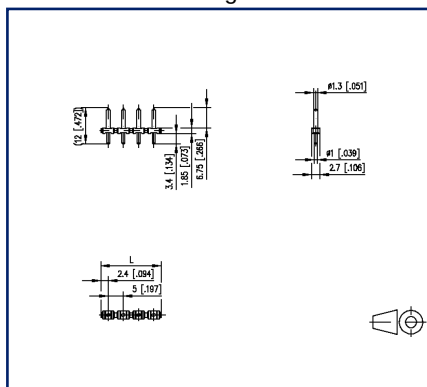
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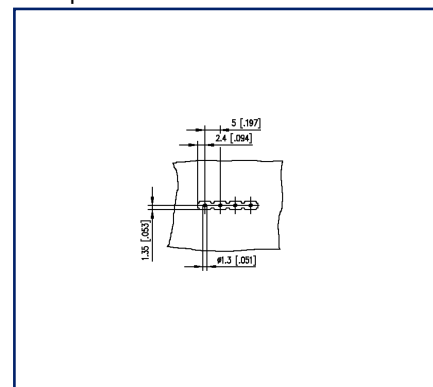
### Illustrations



Dimensional drawing



Drill pattern



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  |       |       |
| min. number of poles      | 2       |       |       |
| max. number of poles      | 24      |       |       |
| 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                      |
|  SEV Reg 130002 | 250 V / 4 kV / 10 A / 1.0 mm |

#### Material

|                             |                               |
|-----------------------------|-------------------------------|
| insulating material         | PA66/6T                       |
| 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   |

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## Counterpart of

| P/N            | Designation                |
|----------------|----------------------------|
| 310071         | RP025xxIBWC Type 007       |
| 310261         | FT085xxVBFC Type 026       |
| 310771         | RP025xxIBWU Typ 077        |
| 311071         | RP025xxHBWC Type 107       |
| ASP025         | SP025xxHDNC ASP025         |
| ASP0250204-001 | SP02502HDNC ASP0250204-001 |
| ASP0250304-001 | SP02503HDNC ASP0250304-001 |
| ASP0250404     | SP025xxHDNC ASP025         |
| ASP0250404-004 | SP02504HDNC ASP0250404-004 |
| ASP0250504-002 | SP02505HDNC ASP0250504-002 |
| ASP0250599-000 | SP02505HMNC000 PROFINET    |
| ASP0250804-004 | SP02508HDNC ASP0250804-004 |
| ASP145XX22-131 | SP145xxHBPC0001            |
| ASP155XX22-131 | SP155xxHBPC0001            |

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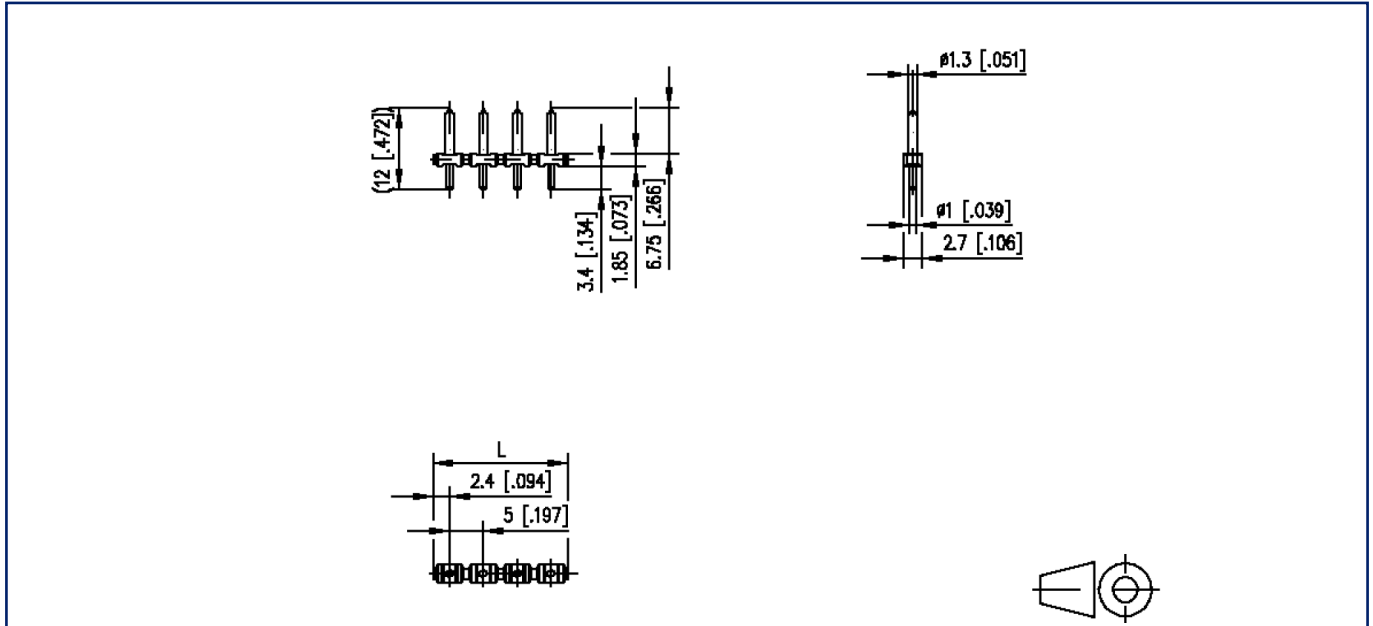
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## Illustrations

Dimensional drawing



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



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