

# Data sheet

# PT045xxHBEC Typ 029

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**P/N**

**310291xx**

**xx=number of poles**

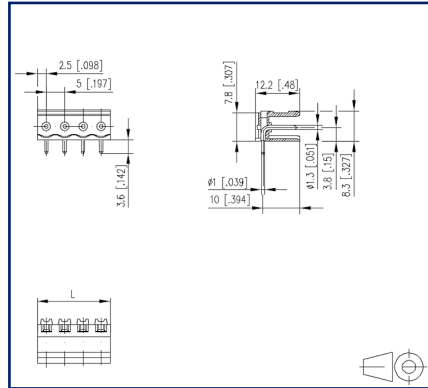
2021/09/15

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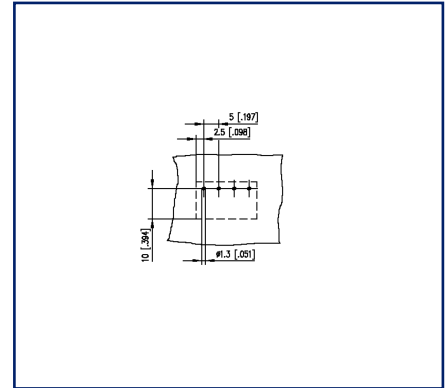
## Illustrations



## Dimensional drawing



### Drill pattern



See enlarged drawings at the end of document

## Product specification

- pin header, solderable
- centerline 5.00 mm, direction of connection 90°
- open ends, fittable without loss of poles
- color black

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### Technical Data

| General Data              |         |       |       |
|---------------------------|---------|-------|-------|
| Solder pin length         | 3.6 mm  |       |       |
| min. number of poles      | 2       |       |       |
| max. number of poles      | 22      |       |       |
| Insulating material class | CTI 600 |       |       |
| 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   | 630 V | 630 V |
| Rated test voltage        | 4 kV    | 4 kV  | 4 kV  |

| Approvals                                                                                               |                              |  |  |
|---------------------------------------------------------------------------------------------------------|------------------------------|--|--|
|  V / A               | 300 / 10                     |  |  |
| approval UL - File No.                                                                                  | E121004                      |  |  |
|  1.5 mm <sup>2</sup> | 250 V / 4 kV / 10 A / 1.0 mm |  |  |

| Material                    |                               |
|-----------------------------|-------------------------------|
| insulating material         | PA66                          |
| 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 |
| REACH - substance (SVHC)    | Lead / 7439-92-1              |

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

| general       |                                     |
|---------------|-------------------------------------|
| Tolerance     | ISO 2768 -mH                        |
| Solderability | Acc. to JEDEC JESD22-B102E 245°C/5s |

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## Counterpart of

| P/N    | Designation          |
|--------|----------------------|
| 310091 | RP015xxWBWC Typ 009  |
| 310131 | RP035xxIBLN Typ 013  |
| 310261 | FT085xxVBFC Type 026 |
| 310491 | RP015xxWBLC Typ 049  |

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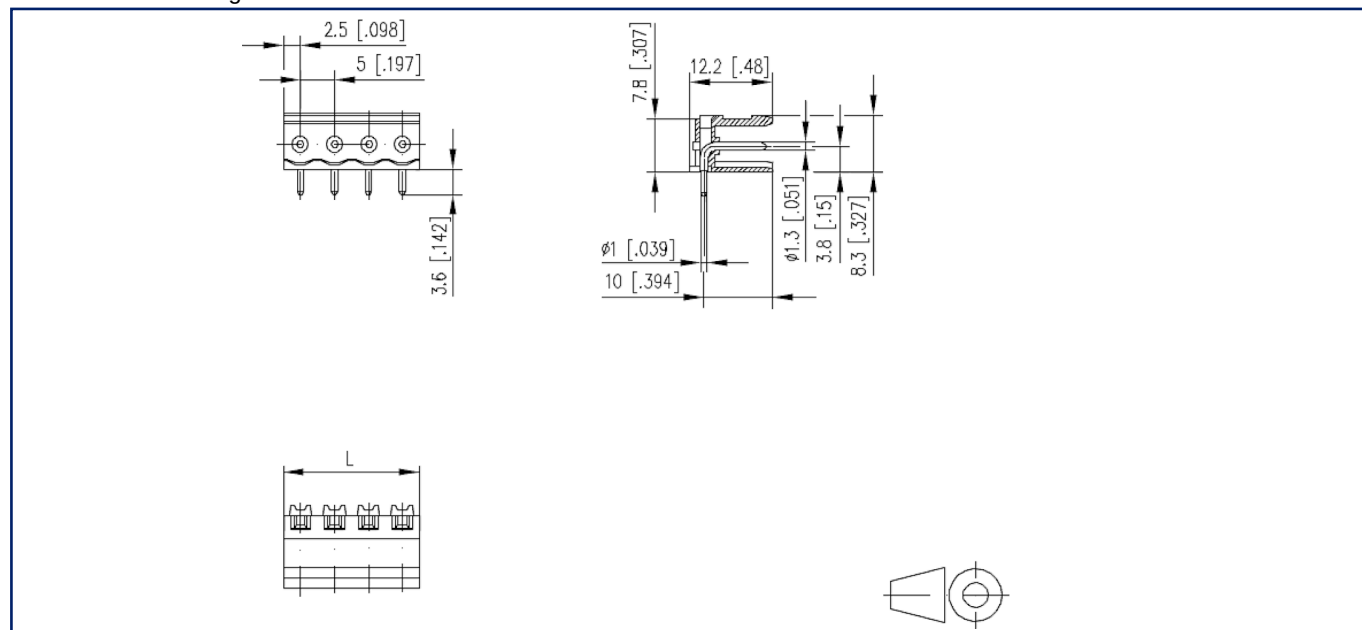
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## Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} [0.197]$



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Drill pattern

