

# Data Sheet

## PT094xxHBBN

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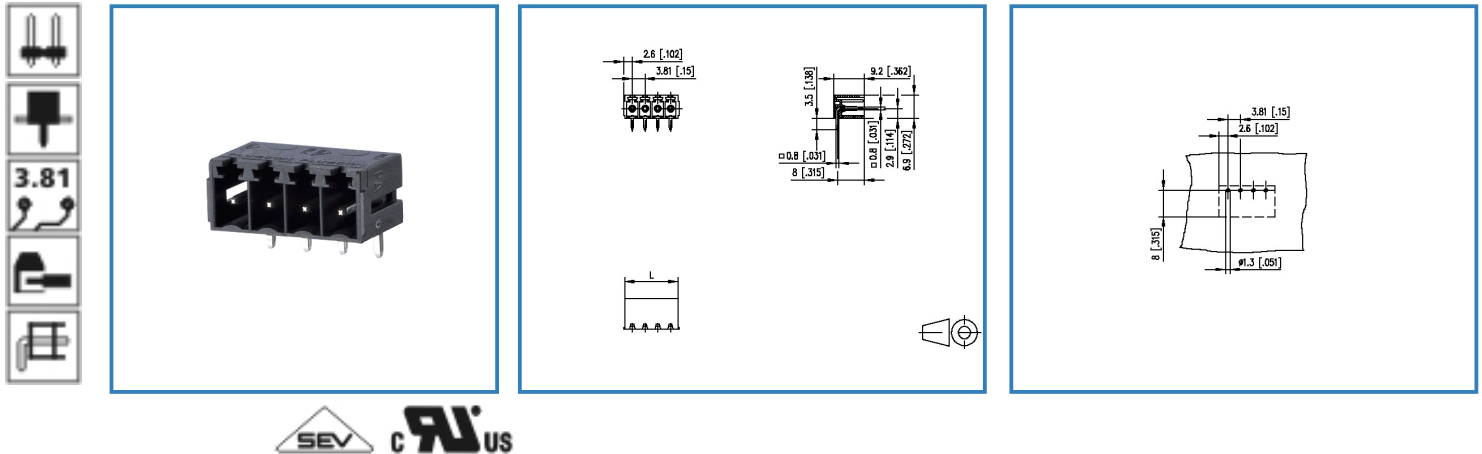
P/N

313821xx

xx=number of poles

2014/01/27

### Illustration



see enlarged drawing at the end of the document

### Product specification

- pin header, solderable
- centerline 3.81 mm, direction of connection 90°
- closed ends
- color black
- codeable
- Connection data

**cRUUS** V / A 300 / 8

**SEV** 9 A / 160 V / 2.5 kV / 3 / IEC 61984

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313821xx

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### Technical Data

#### General Data

|                           |         |       |        |
|---------------------------|---------|-------|--------|
| Solder pin length         | 3.5 mm  |       |        |
| min. number of poles      | 2       |       |        |
| max. number of poles      | 24      |       |        |
| Insulating material class | CTI 600 |       |        |
| clearance/creepage dist.  | 3.01 mm |       |        |
| protection category       | IP 00   |       |        |
| Overvoltage category      | III     | III   | II     |
| Pollution degree          | 3       | 2     | 2      |
| Rated voltage             | 200 V   | 500 V | 500 V  |
| Rated test voltage        | 4.0 kV  | 4 kV  | 4.0 kV |

#### Connection data

|  |                                      |
|--|--------------------------------------|
|  V / A | 300 / 8                              |
|        | 9 A / 160 V / 2.5 kV / 3 / IEC 61984 |

#### Material

|                      |         |
|----------------------|---------|
| insulating material  | PA66    |
| flammability class   | V0      |
| contact pin material | CuFe    |
| contact pin surface  | Ni + Sn |

#### Climatic properties

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

#### General

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

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### Matching Part to

| P/N    | Product name        |
|--------|---------------------|
| 311131 | RP034xxHBLO Typ 113 |
| 311141 | RP034xxHBLN Typ 114 |
| 313691 | RP034xxVBLN Typ 369 |
| ASP064 | SP064xxVGNN ASP064  |

### Accessories

| P/N         | Product name |
|-------------|--------------|
| 720293-01-2 | 720293       |

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P/N

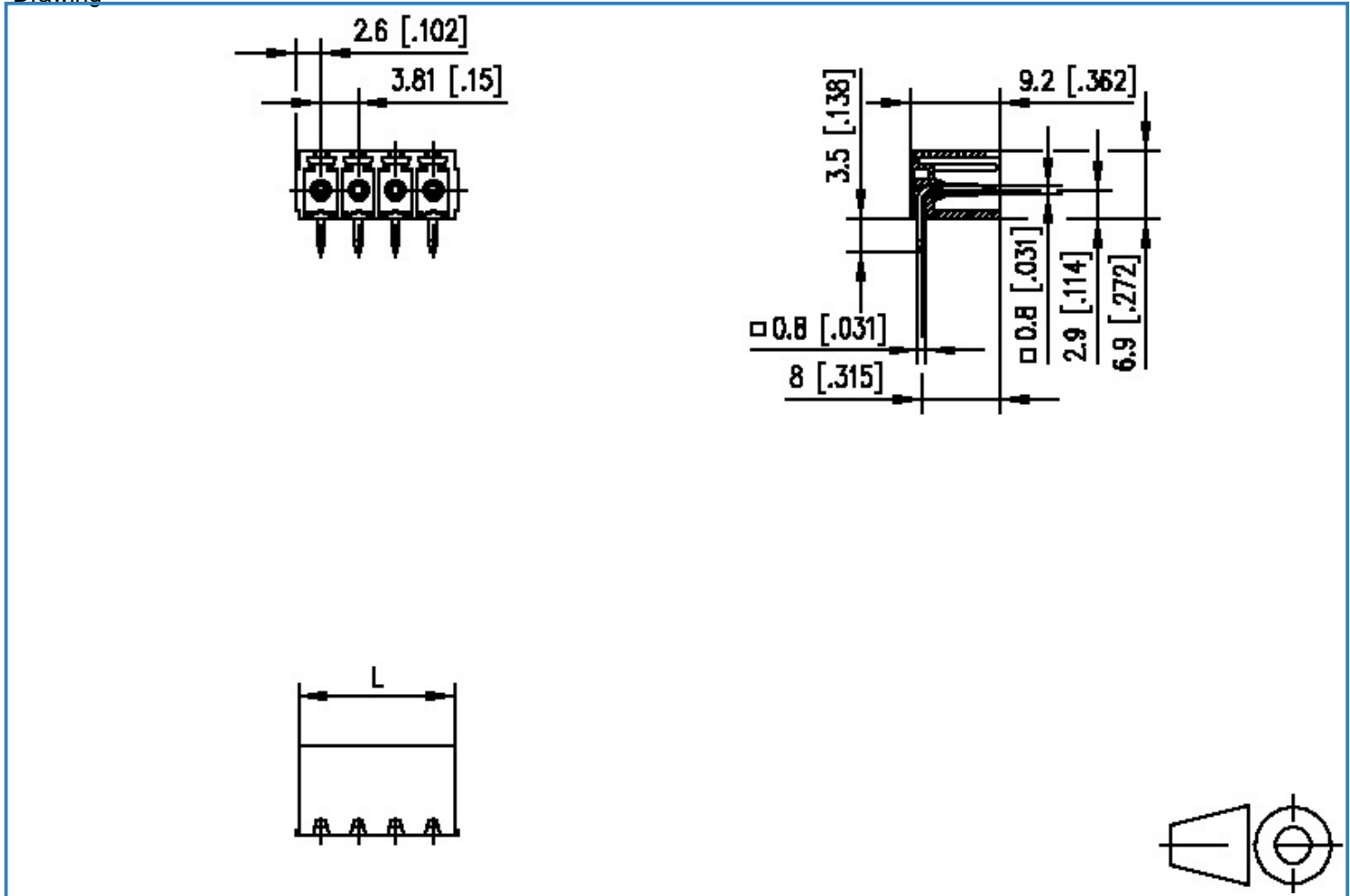
313821xx

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### Illustration

Drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5.2 [0.205]$



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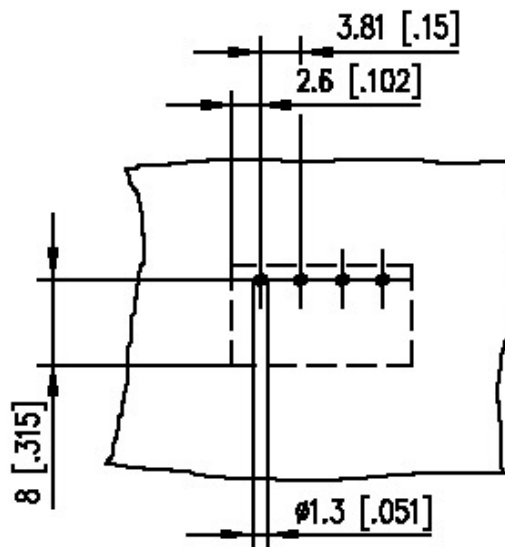
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### PCB Layout



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