

# Data Sheet

## PR065xxHBBN

Page 1/5

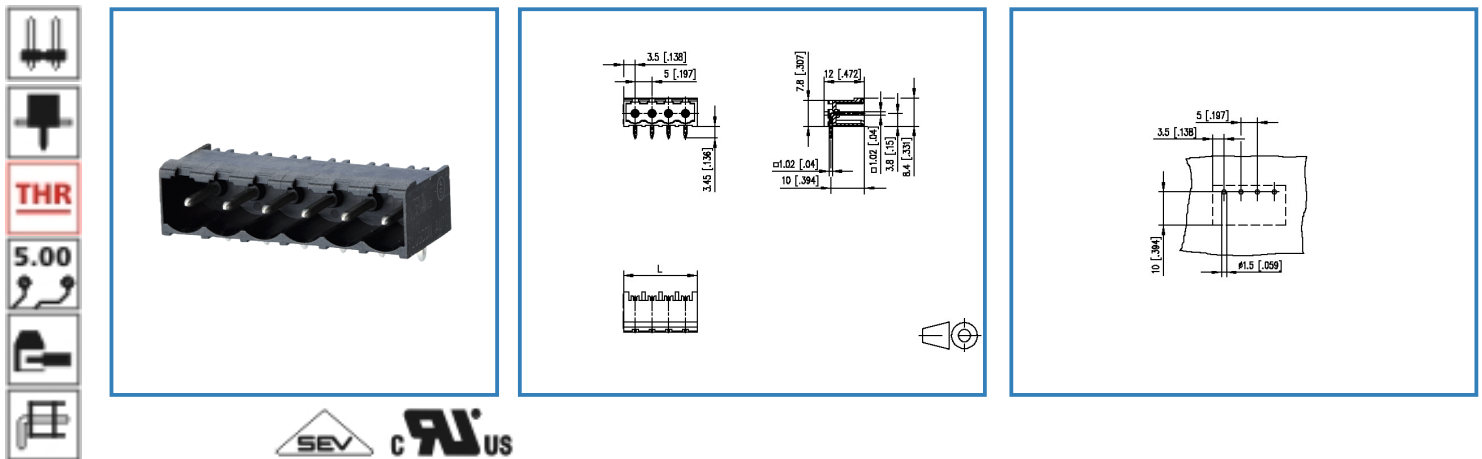
P/N

311761xx

xx=number of poles

2013/12/05

### Illustration



see enlarged drawing at the end of the document

### Product specification

- pin header, THR solderable
- centerline 5.00 mm, direction of connection 90°
- closed ends
- color black
- Tape & Reel packaging
- codeable
- Connection data

**CULUS** V / A 300 / 15

**SEV** 13.5 A / 320 V / 4 kV / 3 / IEC 61984



# Data Sheet

## PR065xxHBBN

Page 2/5

P/N

311761xx

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### Technical Data

#### General Data

|                           |         |        |       |
|---------------------------|---------|--------|-------|
| Solder pin length         | 3.45 mm |        |       |
| min. number of poles      | 2       |        |       |
| max. number of poles      | 12      |        |       |
| Insulating material class | CTI 600 |        |       |
| clearance/creepage dist.  | 4 mm    |        |       |
| protection category       | IP 00   |        |       |
| Overvoltage category      | III     | III    | II    |
| Pollution degree          | 3       | 2      | 2     |
| Rated voltage             | 320 V   | 800 V  | 800 V |
| Rated test voltage        | 4 kV    | 4.0 kV | 4 kV  |

#### Connection data

|                                                                                         |                                       |
|-----------------------------------------------------------------------------------------|---------------------------------------|
|  V / A | 300 / 15                              |
|       | 13.5 A / 320 V / 4 kV / 3 / IEC 61984 |

#### Material

|                      |         |
|----------------------|---------|
| insulating material  | PA66/6T |
| flammability class   | V0      |
| contact pin material | CuMg    |
| contact pin surface  | Cu + Sn |

#### Climatic properties

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

#### General

|               |                                                                                           |
|---------------|-------------------------------------------------------------------------------------------|
| solderability | For THR products acc. to IPC/JEDEC J-STD-020D-MSL 1   For THT products max. 260 °C / 10 s |
| Tolerance     | ISO 2768 -mH                                                                              |

# Data Sheet

## PR065xxHBBN

Page 3/5

P/N

311761xx

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2013/12/05

### Matching Part to

| P/N         | Product name        |
|-------------|---------------------|
| 313131      | RP035xxHBLC Typ 313 |
| 313141      | RP035xxHBLD Typ 314 |
| 313491      | RP015xxVBLC Typ 349 |
| 313501      | RP015xxSBLC Typ 350 |
| ASP045      | SP045xxVBNC ASP045  |
| SP065XXVBNC | SP065xxVBNC         |
| SP065XXVBPC | SP065xxVBPC         |

### Accessories

| P/N                      | Product name        |
|--------------------------|---------------------|
| 700024-01-9              | 700024              |
| 700523-0157 (on request) | Geh_Kappe_swg_Block |
| 700523-0257 (on request) | Geh_Kappe_swg_Block |



# Data Sheet

## PR065xxHBBN

Page 4/5

P/N

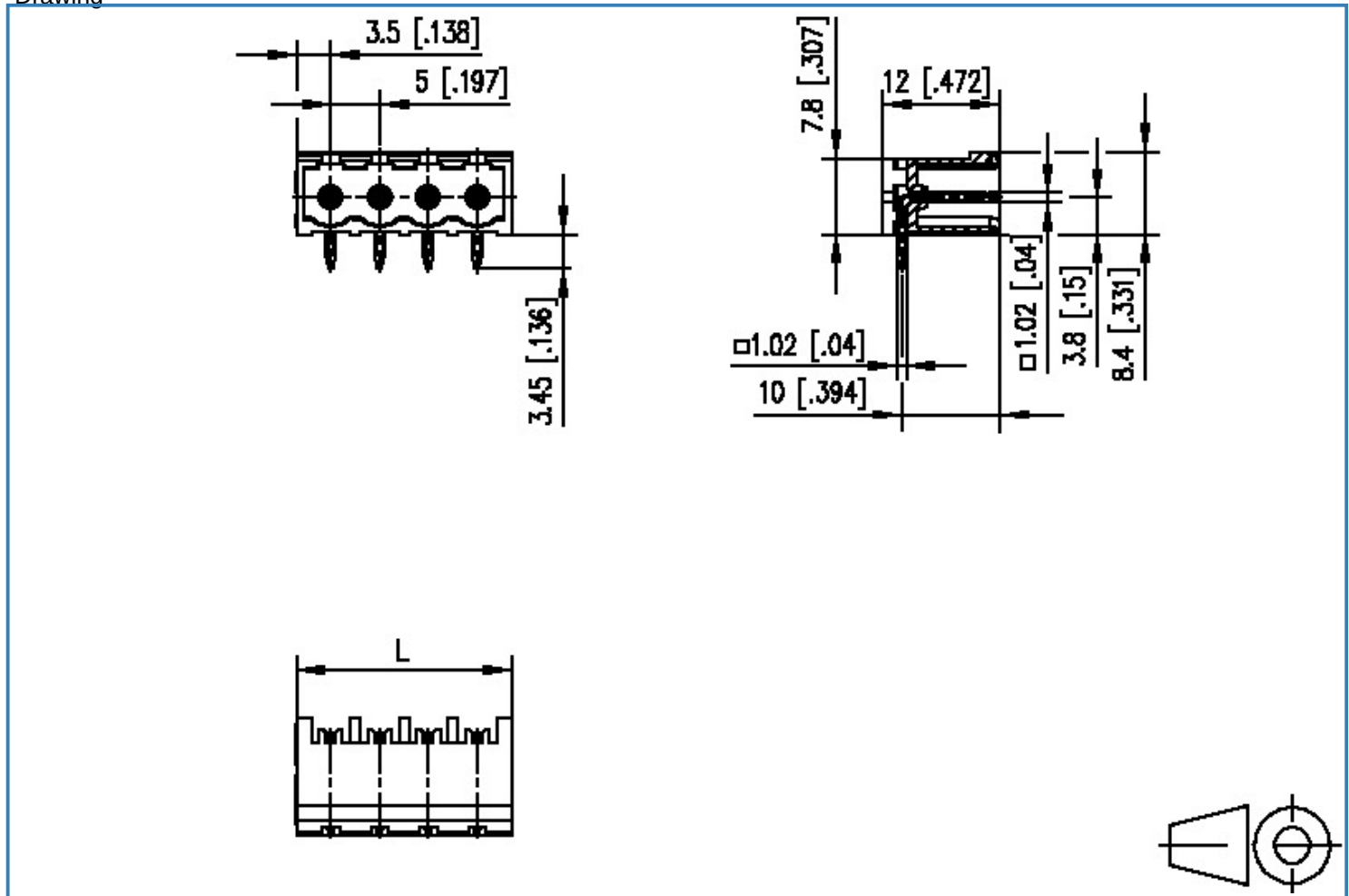
311761xx

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### Illustration

#### Drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 7.0 [0.276]$



# Data Sheet

## PR065xxHBBN

Page 5/5

P/N

311761xx

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2013/12/05

### PCB Layout

