

# Data Sheet

## RT015xxHDWC

(Type 001)

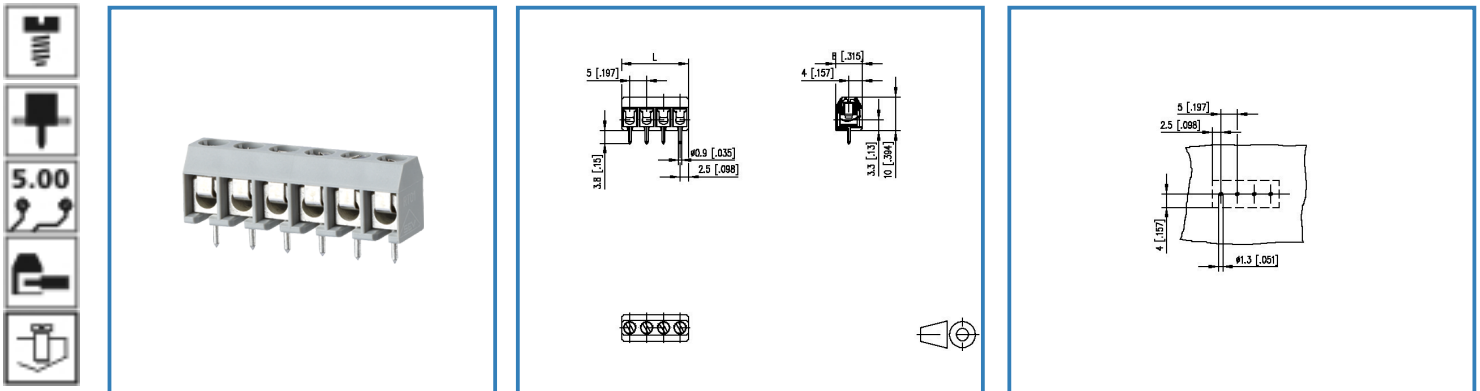
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Order Number

310011xx

xx=number of poles

### Illustration



see enlarged drawing at the end of the document

### Product specification

- screw type terminal block, solderable
- centerline 5.00 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color gray
- Connection data

**RIA** US V / A / AWG 300 / 15 / 22 - 14

**S** 0.33 - 1.5 mm<sup>2</sup> 125 V / 2.5 kV / 13 A

# Data Sheet

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Order Number

310011xx



xx=number of poles

### Technical Data

#### General Data

|                           |         |       |        |
|---------------------------|---------|-------|--------|
| Tightening torque SEV     | 0.5 Nm  |       |        |
| Tightening torque UL      | 7 lb-in |       |        |
| Solder pin length         | 3.8 mm  |       |        |
| min. number of positions  | 2       |       |        |
| max. number of positions  | 22      |       |        |
| Insulating material class | CTI 600 |       |        |
| clearance/creepage dist.  | 2.6 mm  |       |        |
| protection category       | IP 20   |       |        |
| Overvoltage category      | III     | III   | II     |
| Pollution degree          | 3       | 2     | 2      |
| Rated voltage             | 200 V   | 500 V | 500 V  |
| Rated test voltage        | 2.5 kV  | 4 kV  | 2.5 kV |

#### Connection data

|   |   |  |  |
|---|---|--|--|
| extended wiring UL  | Wire range extended to No. 30 AWG for factory-wiring. Two same size wires No. 22-18 AWG Cu Sol/Str for field-wiring; No. 30-18 Cu Sol/Str factory-wiring. |  |  |
|  V / A / AWG                | 300 / 15 / 22 - 14  |  |  |
|  0.33 - 1.5 mm <sup>2</sup> | 125 V / 2.5 kV / 13 A   |  |  |

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### Material

|                         |                |
|-------------------------|----------------|
| insulating material     | PA66           |
| flammability class      | V0             |
| terminal body material  | CuZn           |
| terminal body surface   | Ni + Sn        |
| screw surface           | Cu + Ni        |
| wire protector material | wire protector |
| wire protector surface  | Sn             |
| screw thread            | M3             |

### 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  |

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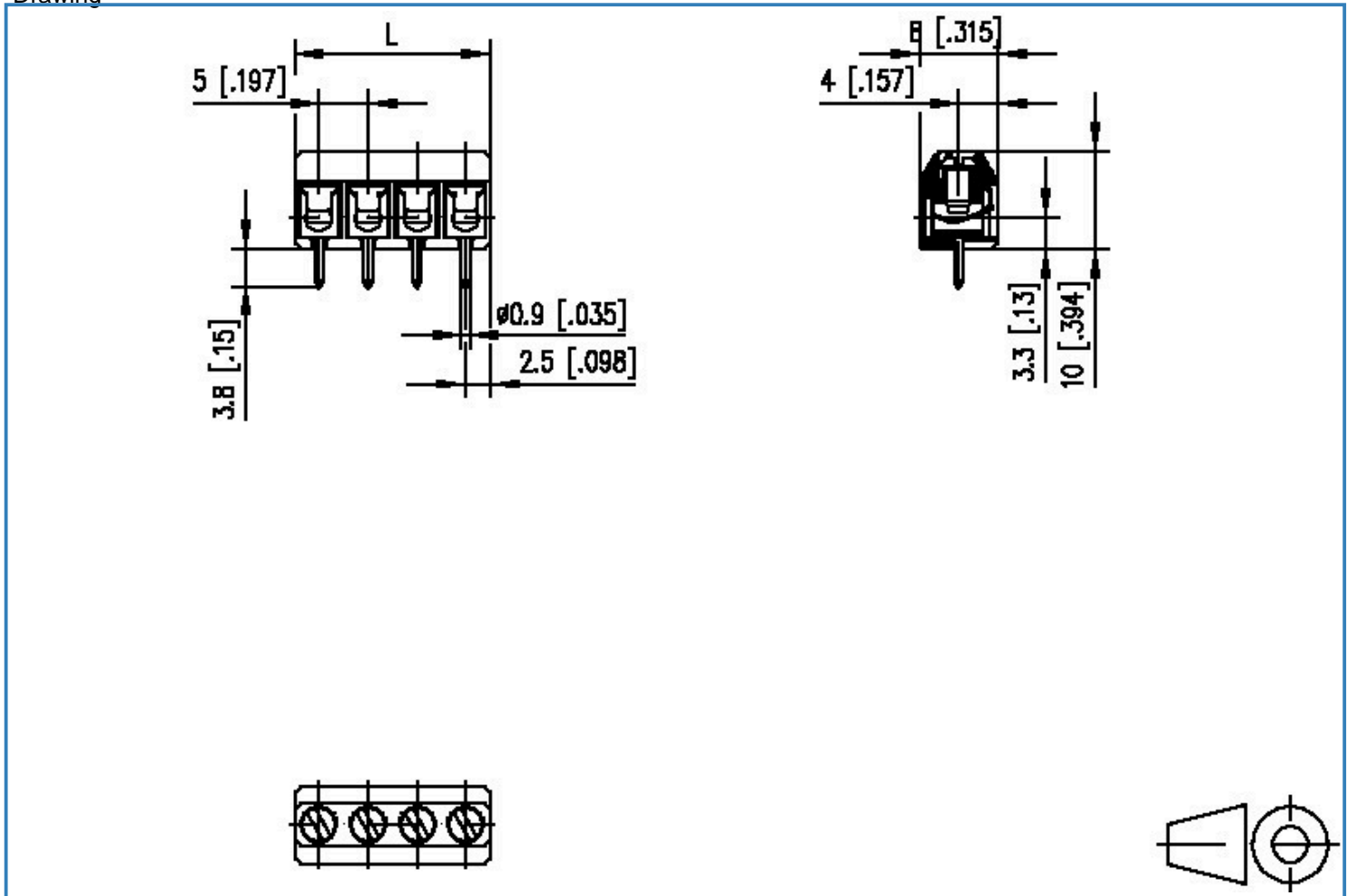
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### Illustration

Drawing



$$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ [.197]}$$

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### PCB Layout

