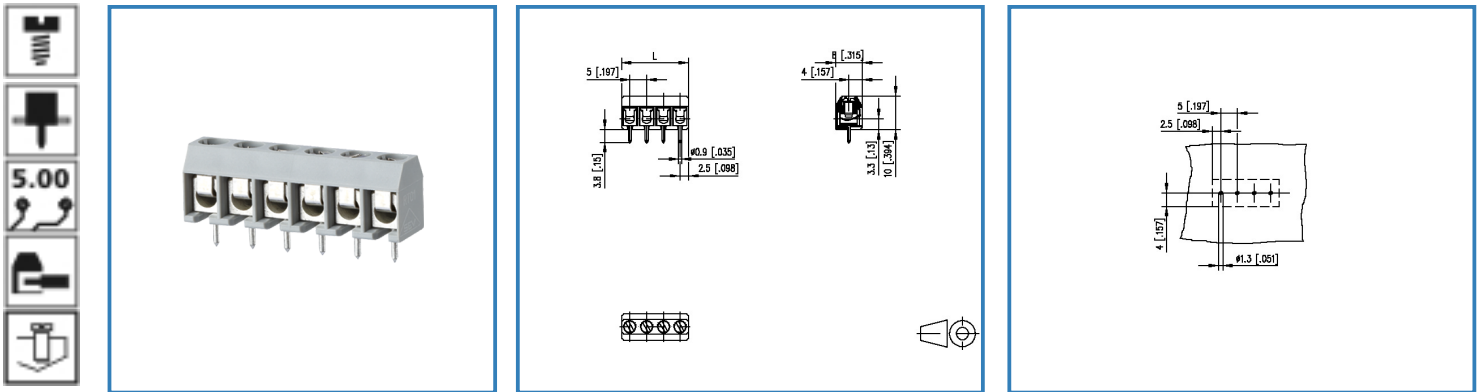


# Data Sheet

## RT015xxHDWC

### 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



# Data Sheet

## RT015xxHDWC

### Technical Data

#### General Data


|                           |           |        |        |
|---------------------------|-----------|--------|--------|
| Tightening torque SEV     | 0.4 Nm    |        |        |
| Tightening torque UL      | 3.5 lb-in |        |        |
| Solder pin length         | 3.8 mm    |        |        |
| min. number of poles      | 2         |        |        |
| max. number of poles      | 22        |        |        |
| Insulating material class | CTI 600   |        |        |
| clearance/creepage dist.  | 2.6 mm    |        |        |
| protection category       | IP 10     |        |        |
| Overvoltage category      | III       | III    | II     |
| Pollution degree          | 3         | 2      | 2      |
| Rated voltage             | 200 V     | 500 V  | 500 V  |
| Rated test voltage        | 2.5 kV    | 2.5 kV | 2.5 kV |


#### Connection data

|                            |  |
|----------------------------|--|
| Rated wiring solid wire    | 0.34 - 2 mm <sup>2</sup> / AWG 22 - 14 |
| Rated wiring stranded wire | 0.34 - 2 mm <sup>2</sup> / AWG 22 - 14 |

#### Approvals

|                    |   |
|--------------------|---|
| 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 |
|--|--------------------|

|  |                      |
|--|----------------------|
|  1.5 mm <sup>2</sup> | 130 V / 17.5 A / T60 |
|--|----------------------|

#### Material

|                             |                     |
|-----------------------------|---------------------|
| insulating material         | PA66                |
| flammability class          | V0                  |
| Glow-Wire Flammability GWFI | 960                 |
| Glow-Wire Flammability GWIT | 775                 |
| terminal body material      | CuZn                |
| terminal body surface       | Ni + Sn             |
| screw surface               | Zn Cr(VI)-frei/free |



## Data Sheet RT015xxHDWC

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310011xx

xx=number of poles

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|                         |      |
|-------------------------|------|
| wire protector material | CuSn |
| wire protector surface  | Sn   |
| screw thread            | M3   |

### 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                        |

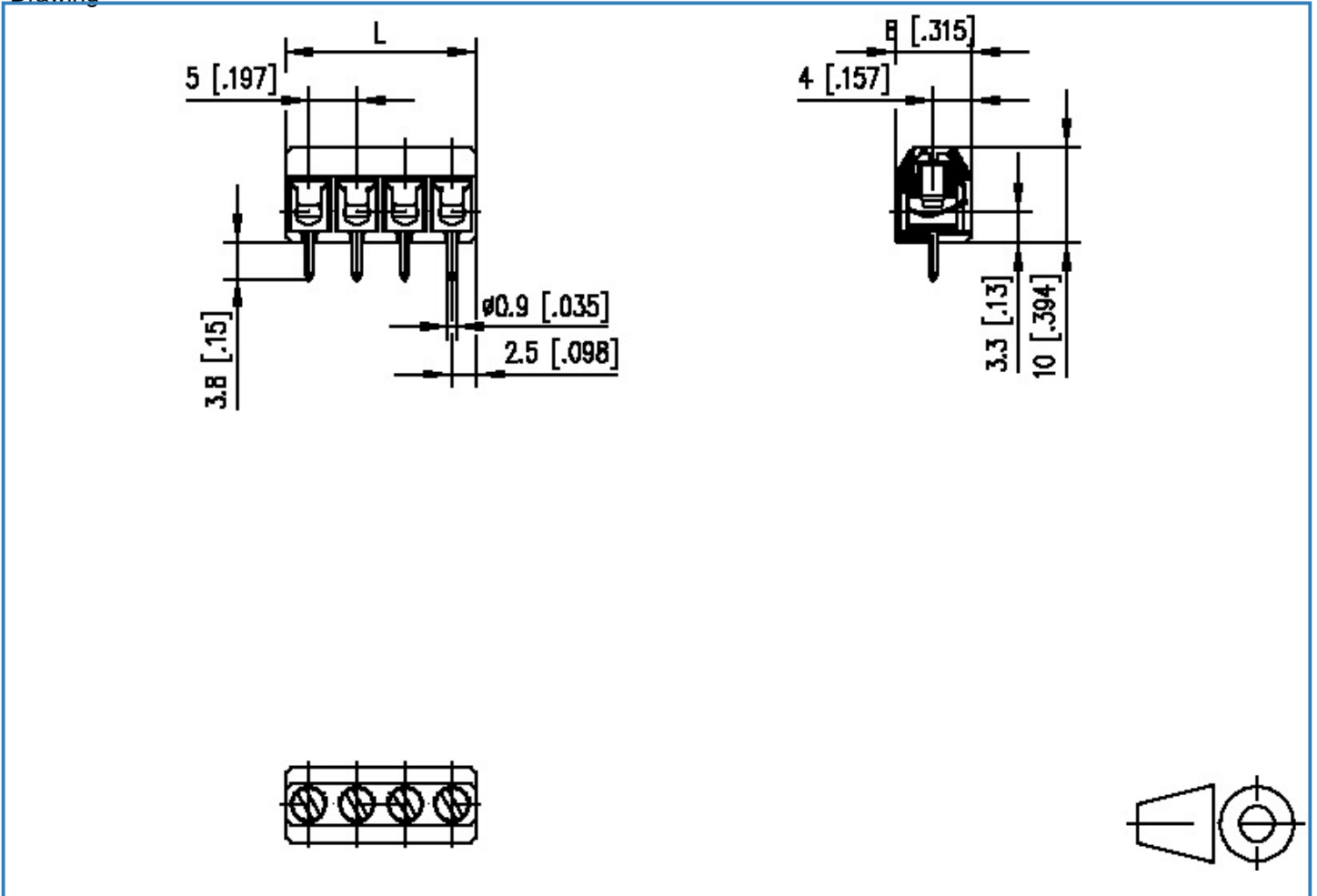


# Data Sheet

## RT015xxHDWC

### Illustration

#### Drawing



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

**Data Sheet  
RT015xxHDWC**

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xx=number of poles

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## PCB Layout

