

Data Sheet

RT015xxHDWC

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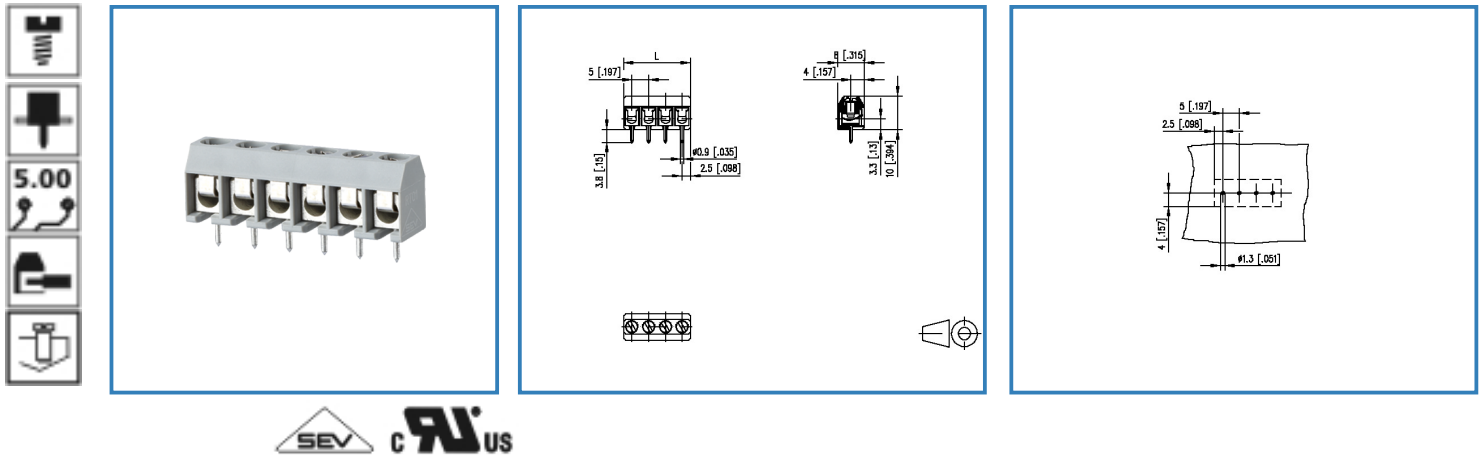
P/N

310011xx

xx=number of poles

2017/01/24

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



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310011xx

xx=number of poles

2017/01/24

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 ² / AWG 22 - 14 |
| Rated wiring stranded wire | 0.34 - 2 mm ² / 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 ² | 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 |
| wire protector material | CuSn |
| wire protector surface | Sn |
| screw thread | M3 |

Climatic properties

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

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lower limit temperature -40 °C

General

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

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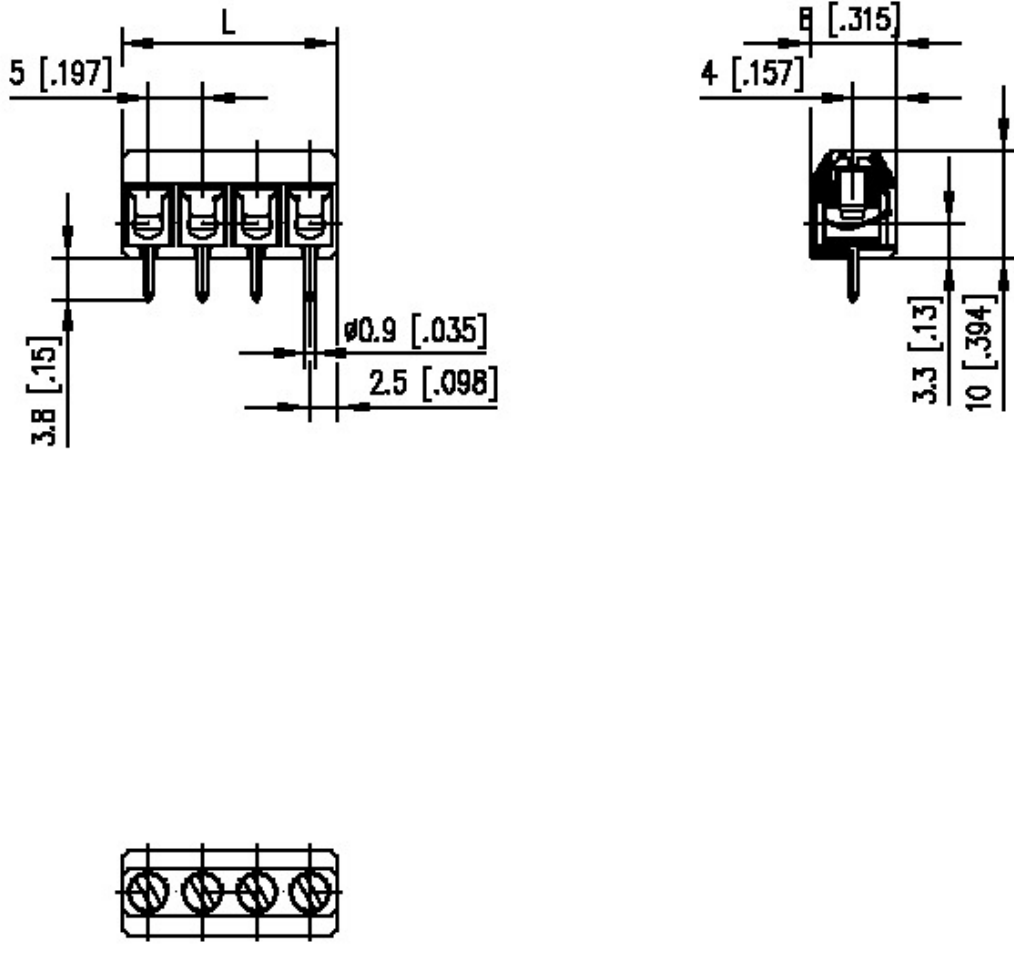
310011xx

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Illustration

Drawing



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



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PCB Layout

