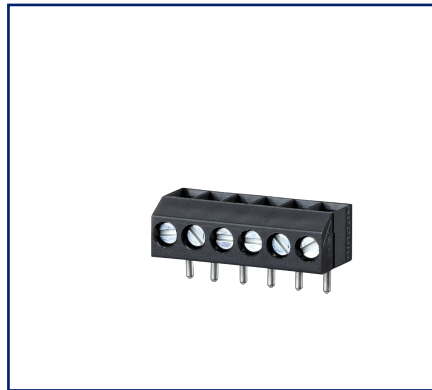
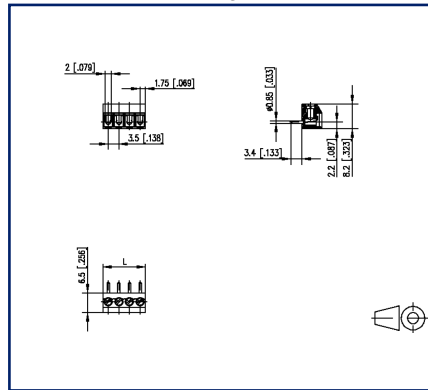


**Data sheet**  
**RT063xxVBWC Typ 061**

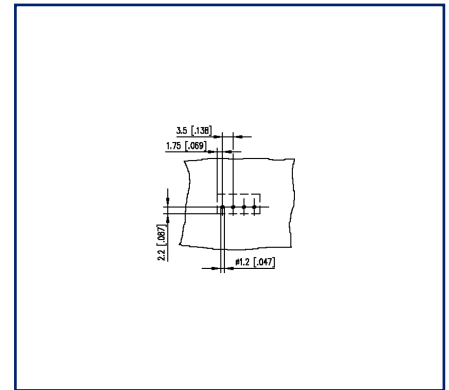
**Illustrations**



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

**Product specification**

- screw type terminal block, solderable
- centerline 3.50 mm, direction of connection vertical 0°
- wire protector, fittable without loss of poles
- color black

## Technical Data



### General Data

|                           |           |        |        |
|---------------------------|-----------|--------|--------|
| Tightening torque SEV     | 0.15 Nm   |        |        |
| Tightening torque UL      | 1.3 lb-in |        |        |
| Solder pin length         | 3.4 mm    |        |        |
| min. number of poles      | 2         |        |        |
| max. number of poles      | 16        |        |        |
| Insulating material class | CTI 600   |        |        |
| clearance/creepage dist.  | 2.1 mm    |        |        |
| Protection category       | IP20      |        |        |
| Min. insul. strip length  | 5 mm      |        |        |
| Rated current             | 6 A       |        |        |
| Overvoltage category      | III       | III    | II     |
| Pollution degree          | 3         | 2      | 2      |
| Rated voltage             | 40 V      | 250 V  | 250 V  |
| Rated test voltage        | 1.5 kV    | 1.5 kV | 1.5 kV |

### Terminal data

|                          |  |  |  |
|--------------------------|--|--|--|
| rat.wiring solid AWGmax  | 0.33 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 22 - AWG 16 |  |  |
| rat.wiring strand.AWGmax | 0.33 mm <sup>2</sup> - 1 mm <sup>2</sup> / AWG 22 - AWG 18   |  |  |

### Approvals

|   |                      |  |  |
|---|----------------------|--|--|
|  V / A / AWG       | 150 / 10 / 28 - 16   |  |  |
| approval UL - File No.  | E121004              |  |  |
|  1 mm <sup>2</sup> | 125 V / 13.5 A / T60 |  |  |

### Material

|                         |                     |
|-------------------------|---------------------|
| insulating material     | PA66                |
| flammability class      | V0                  |
| terminal body thread    | M2                  |
| terminal body material  | CuZnPb              |
| terminal body surface   | Ni + Sn             |
| screw thread            | M2                  |
| screw material          | 8,8                 |
| screw surface           | Zn Cr(VI)-frei/free |
| wire protector material | CuSn                |
| wire protector surface  | Sn                  |

# U | Contact

Data sheet  
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**310611xx**

**xx=number of poles**

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## Technical Data

|                             |                               |
|-----------------------------|-------------------------------|
| Glow-Wire Flammability GWFI | 960 °C acc. to IEC 60695-2-12 |
| Glow-Wire Flammability GWIT | 775 °C acc. to IEC 60695-2-13 |
| REACH                       | compliant                     |
| REACH - substance (SVHC)    | Lead / 7439-92-1              |

## Climatic Data

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

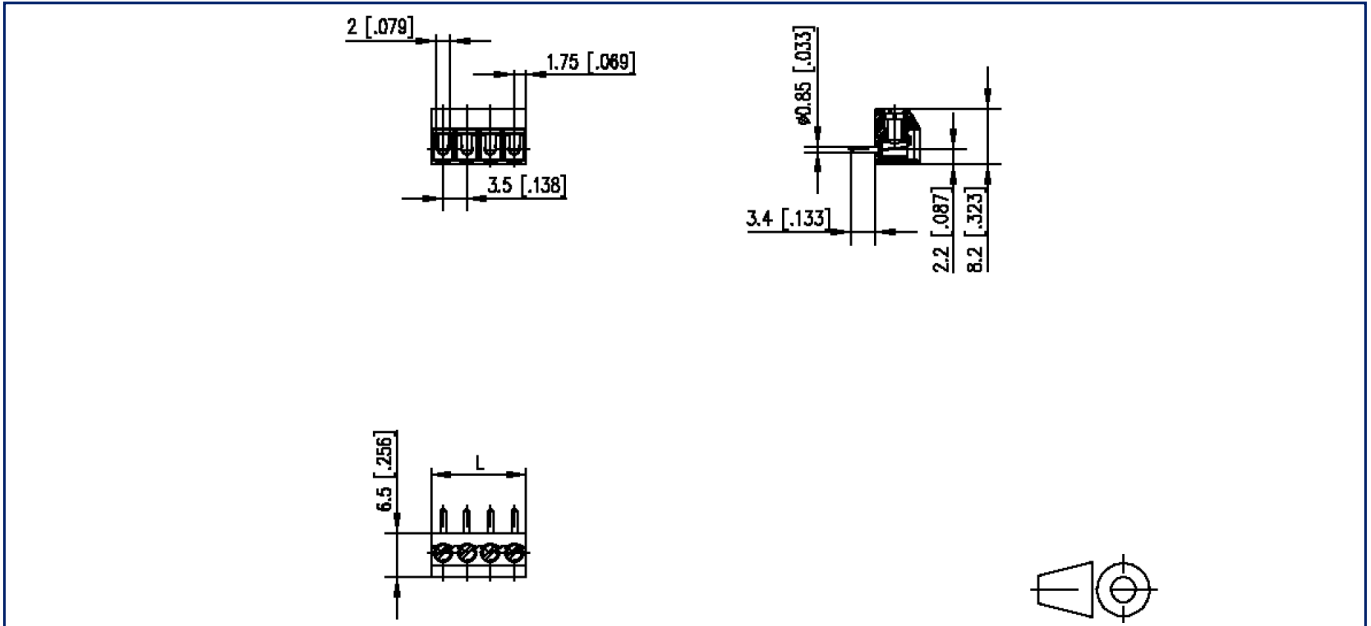
## general

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



## Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 3.5 \text{ mm}$  [0.138]

**Illustrations**

Drill pattern

