

# Data sheet

## RT016xxHBWC Type 101

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P/N  
311011xx

xx=number of poles

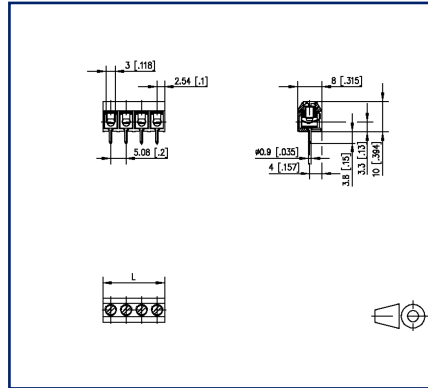
2023/06/26

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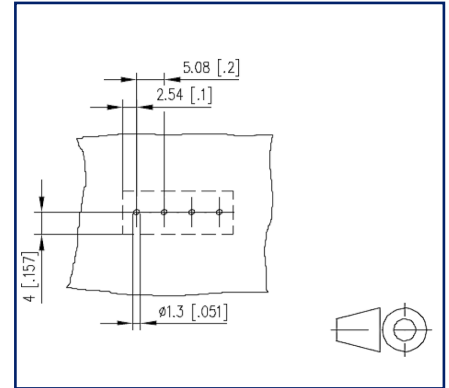
### Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

### Product specification

- screw type terminal block, solderable
- centerline 5.08 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black

## 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.	2.7 mm		
Protection category	IP10		
Min. insul. strip length	6 mm		
Rated current	17.5 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	63 V	320 V	320 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV


### Terminal data

rat.wiring solid AWGmax	0.34 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 28 - AWG 14		
rat.wiring strand.AWGmax	0.34 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 28 - AWG 14		

### Approvals

 V / A / AWG	300 / 15 / 28 - 14		
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approval UL - File No.	E121004		
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 1.5 mm <sup>2</sup>	130 V / 17.5 A / T60		
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### Material

insulating material	PA66		
flammability class	V0		
terminal body thread	M3		
terminal body material	CuZnPb		
terminal body surface	Ni + Sn		
screw thread	M3		
screw material	8,8		
screw surface	Zn Cr(VI)-frei/free		

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**Technical Data**

wire protector material	CuSn
wire protector surface	Sn
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13

**Climatic Data**

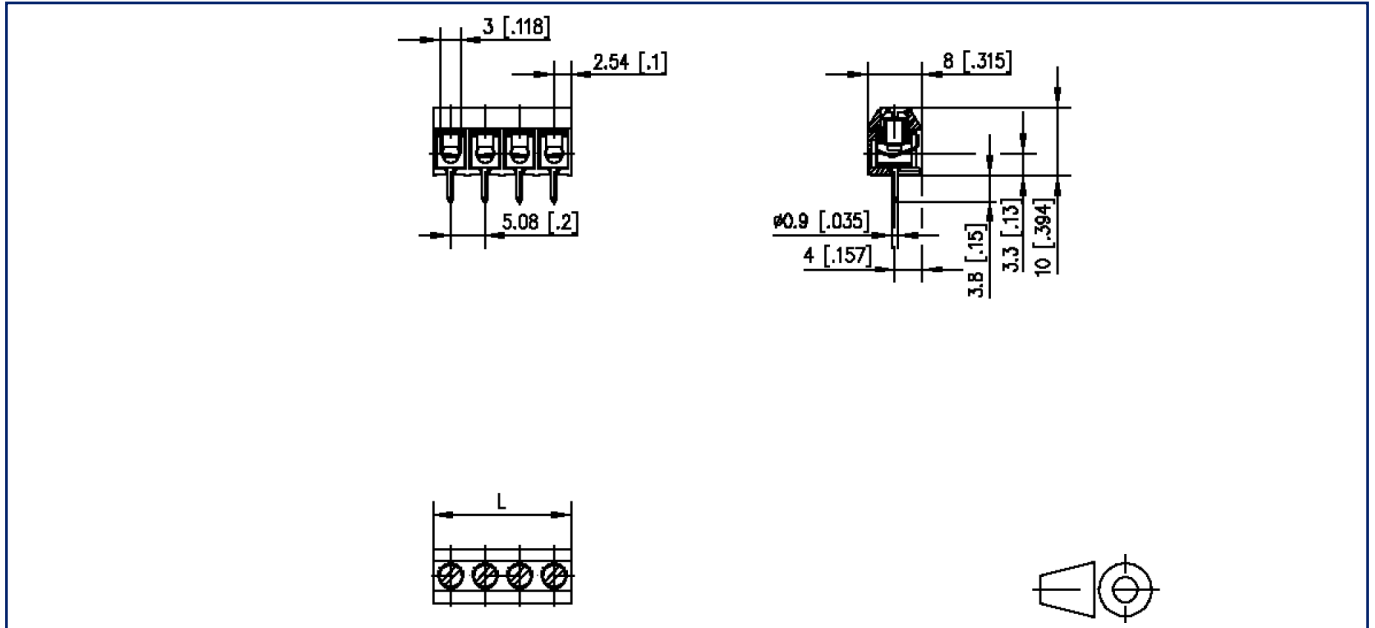
upper limit temperature	105 °C
lower limit temperature	-40 °C

**general**

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

## Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5.08 \text{ mm} [0.2]$

**Illustrations**

Drill pattern

