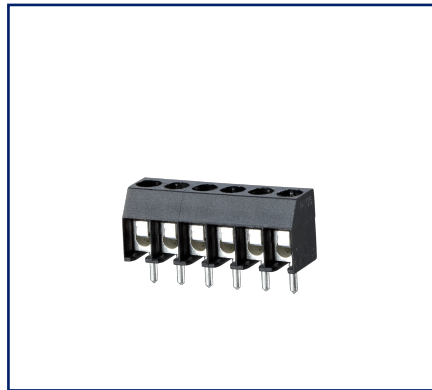


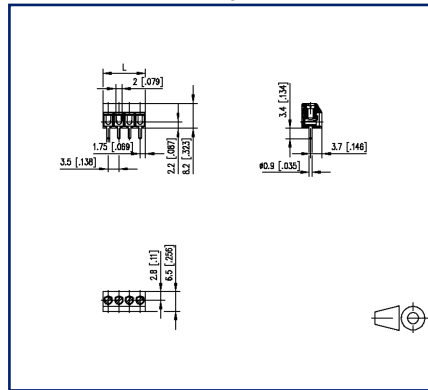
# Data sheet

## RT063xxHBWC Typ 059

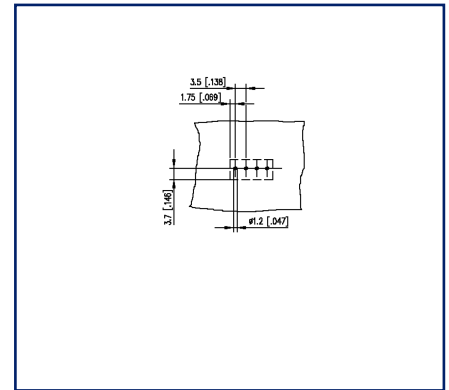
### Illustrations



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 90°
- 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 28 - AWG 16		
rat.wiring strand.AWGmax	0.33 mm <sup>2</sup> - 1 mm <sup>2</sup> / AWG 28 - 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	Cu + 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 RT063xxHBWC Typ 059

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P/N  
310591xx

xx=number of poles

2022/04/05

Version: AB

### 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

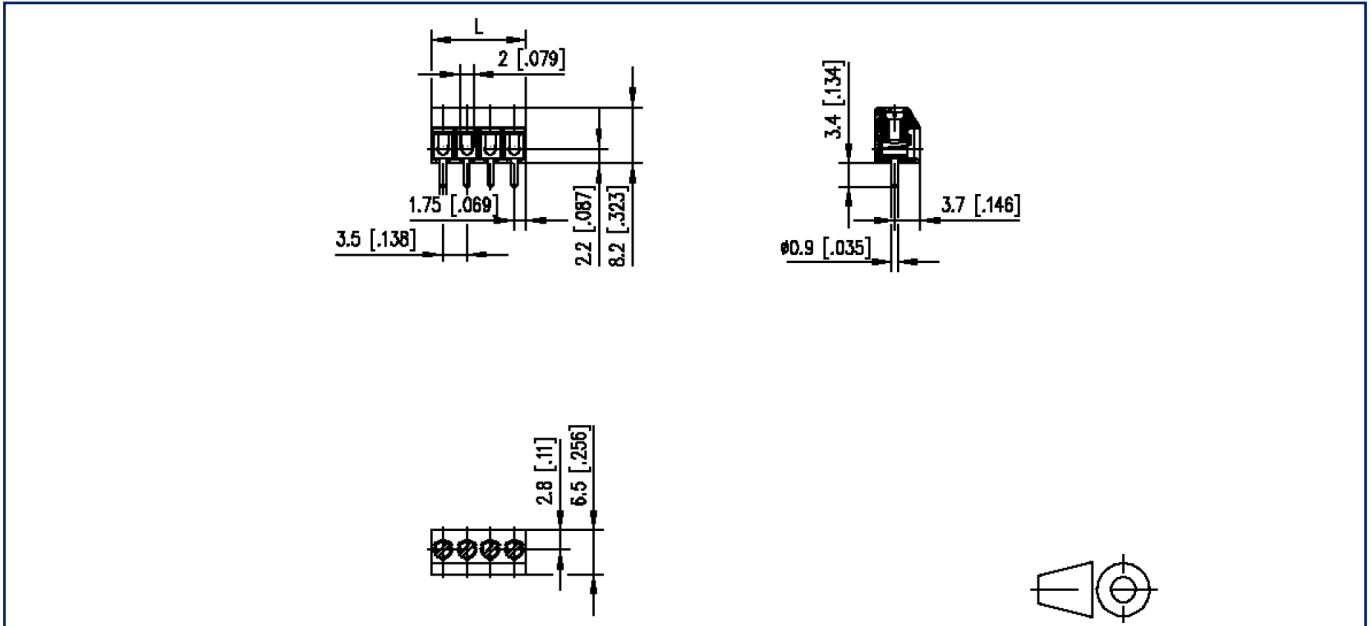
upper limit temperature	105 °C
lower limit temperature	-40 °C

### 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

