

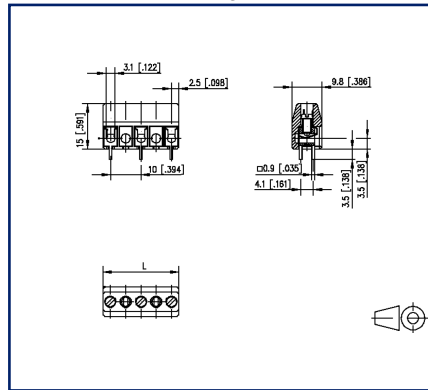
# Data sheet

## RT049xxMBWC Typ 069

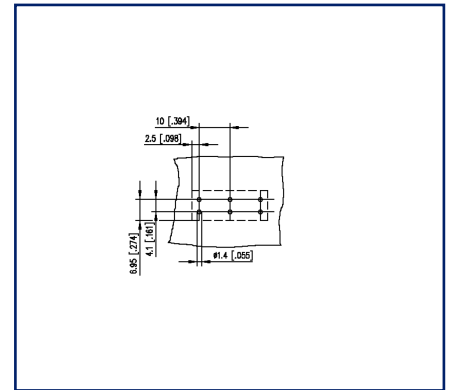
### Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

### Product specification

- screw type terminal block, solderable, double solder pins
- centerline 10.00 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black

### Technical Data



#### General Data

Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.4 lb-in		
Solder pin length	3.5 mm		
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	8.9 mm		
Protection category	IP20		
Min. insul. strip length	8 mm		
Rated current	15 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	500 V	1000 V	1000 V
Rated test voltage	6 kV	6 kV	6 kV

#### Terminal data

rat.wiring solid AWGmax	0.34 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22 - AWG 12		
rat.wiring strand.AWGmax	0.34 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22 - AWG 12		

#### Approvals

 V / A / AWG	600 / 20 / 22 - 12		
approval UL - File No.	E121004		
 2.5 mm <sup>2</sup>	630 V / 24 A / T60		

#### 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
wire protector material	CuSn
wire protector surface	Sn



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Data sheet

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P/N

**310692xx****xx=number of poles**

2022/04/05

Version: T

## 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

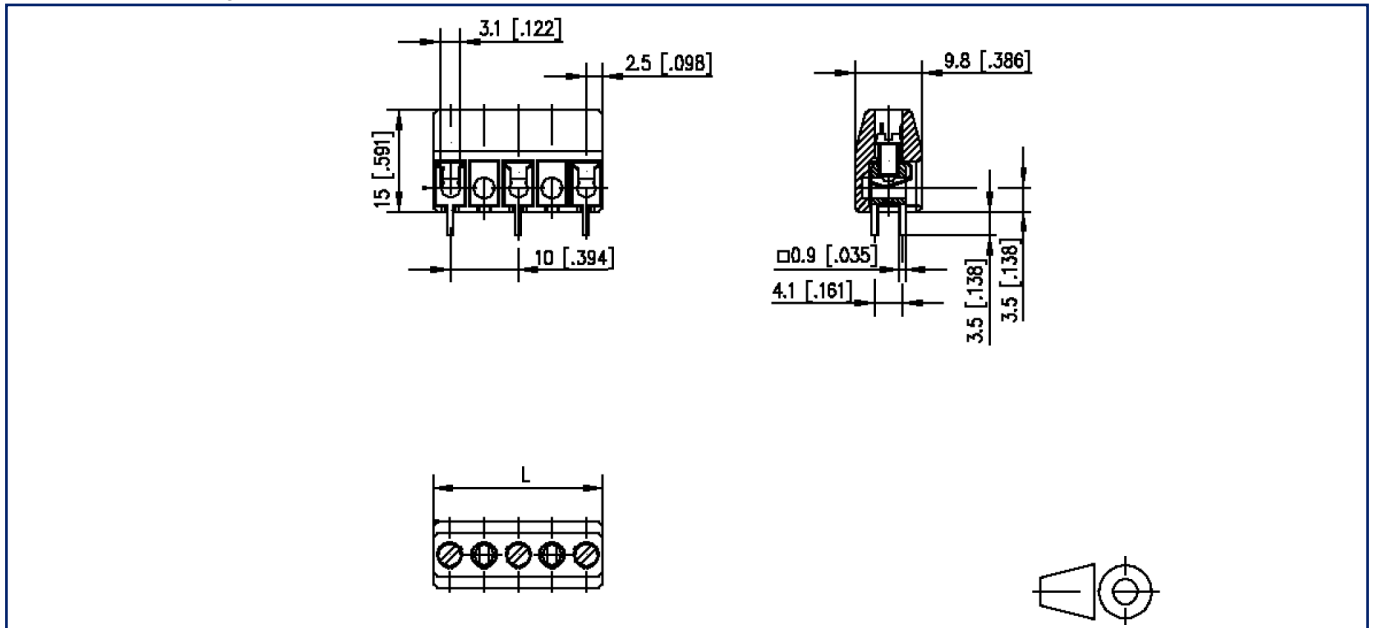
upper limit temperature	105 °C
lower limit temperature	-40 °C

## general

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

## Illustrations

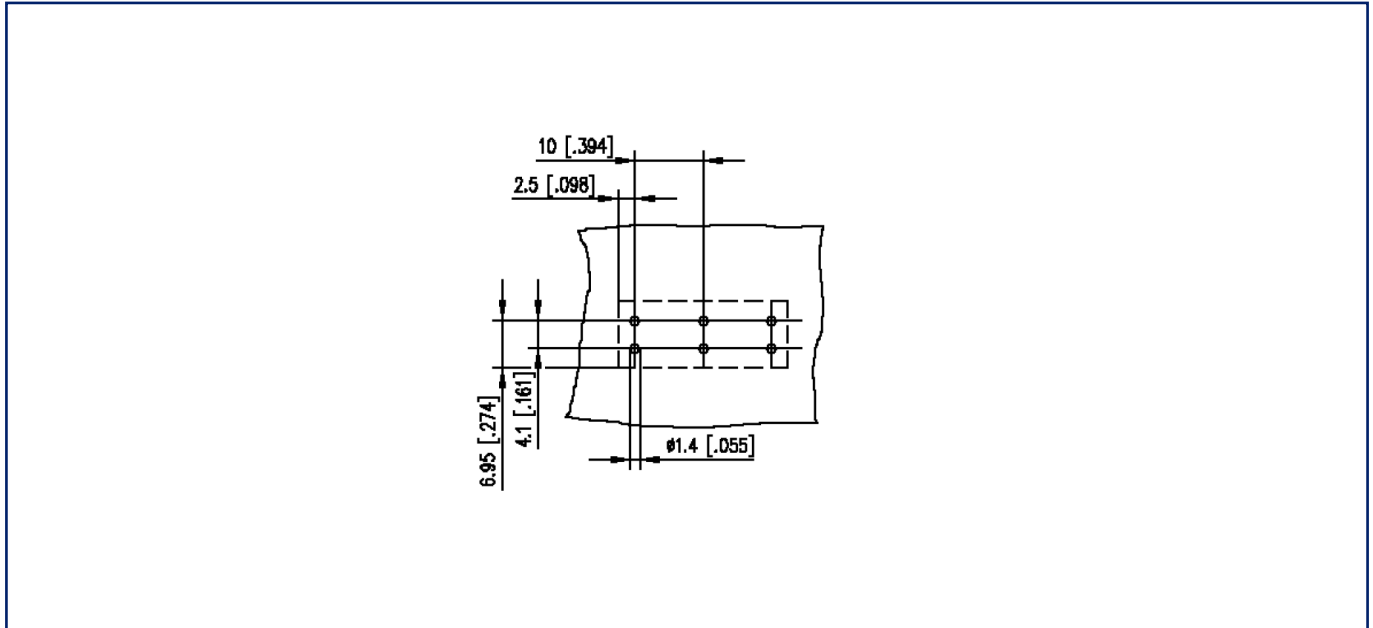
Dimensional drawing



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

**Illustrations**

Drill pattern



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