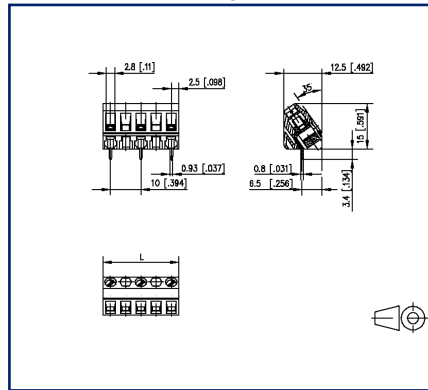


Data sheet
RT049xxUBLC Typ 205

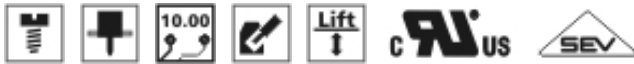
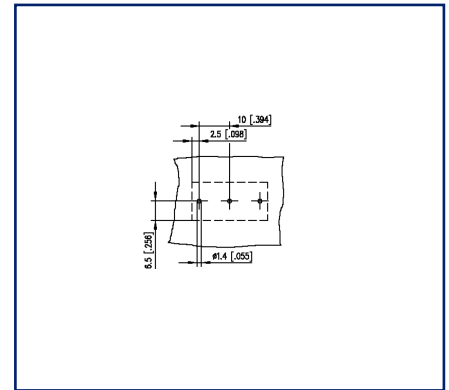
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- screw type terminal block, solderable
- centerline 10.00 mm, direction of connection 55°
- lift system, 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	3.4 mm		
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	8.2 mm		
Protection category	IP20		
Min. insul. strip length	7 mm		
Rated current	15 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	160 V	400 V	400 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Terminal data


rat.wiring solid AWGmax	0.34 mm ² - 4 mm ² / AWG 28 - AWG 12		
rat.wiring strand.AWGmax	0.34 mm ² - 2.5 mm ² / AWG 28 - AWG 12		

Approvals

extended wiring UL	2 AWG 16-18, or 1 AWG 16 stranded with 1 AWG 18 solid, or 1 AWG 16 stranded with 1 AWG 18 stranded		
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 V / A / AWG	600 / 15 / 28 - 12		
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approval UL - File No.	E121004		
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 2.5 mm ²	250 V / 24 A / T60		
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Material

insulating material	PA66		
flammability class	V0		
contact material	CuZnPb		
Contact surface	Ni + Sn		
terminal body thread	M3		
terminal body material	CuZnPb		
terminal body surface	Ni		
screw thread	M3		
screw material	8,8		

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Data sheet RT049xxUBL C Typ 205

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P/N
312052xx

xx=number of poles

2022/04/05

Version: V

Technical Data

screw surface	Zn Cr(VI)-frei/free
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

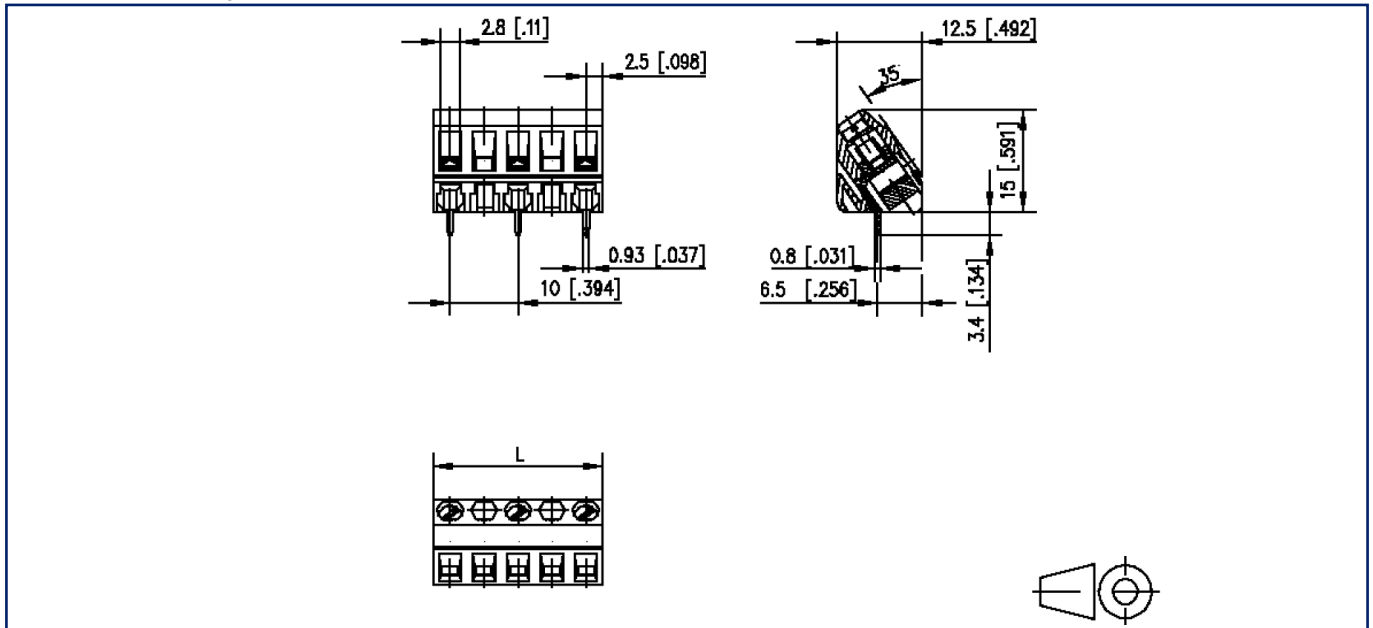
general

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

