

Data sheet

RT019xxHDWC Type 001

Page 1/5

P/N

310012xx

xx=number of poles

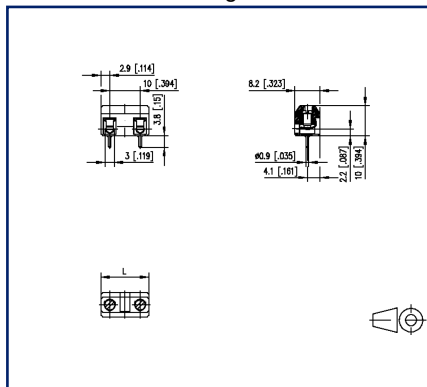
2023/06/23

Version: Y

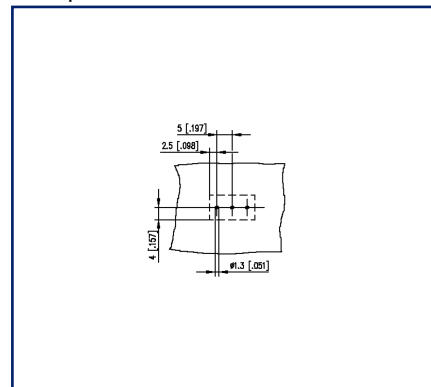
Illustrations



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 90°
- wire protector, fittable without loss of poles
- color gray



U | Contact

Data sheet RT019xxHDWC Type 001

Page 2/5

P/N
310012xx

xx=number of poles

2023/06/23

Version: Y

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	11		
Insulating material class	CTI 600		
clearance/creepage dist.	7.6 mm		
Protection category	IP10		
Min. insul. strip length	6 mm		
Rated current	13 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 mm² - 2 mm² / AWG 22 - AWG 14		
rat.wiring strand.AWGmax	0.34 mm² - 2 mm² / AWG 22 - AWG 14		
Approvals			
extended wiring UL	Wire range extended to No. 30 AWG for factory-wiring. Two same size wires No. 22-18 AWG Cu Sol/Str for field-wiring; No. 30-18 Cu Sol/Str factory-wiring.		
 V / A / AWG	600 / 15 / 22 - 14		
approval UL - File No.	E121004		
1.5 mm²	750 V / 15 A / 1500		
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		

U | Contact

Data sheet RT019xxHDWC Type 001

Page 3/5

P/N
310012xx

xx=number of poles

2023/06/23

Version: Y

Technical Data

screw surface	Zn Cr(VI)-frei/free
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



U | Contact

Data sheet

RT019xxHDWC Type 001

Page 4/5

P/N

310012xx

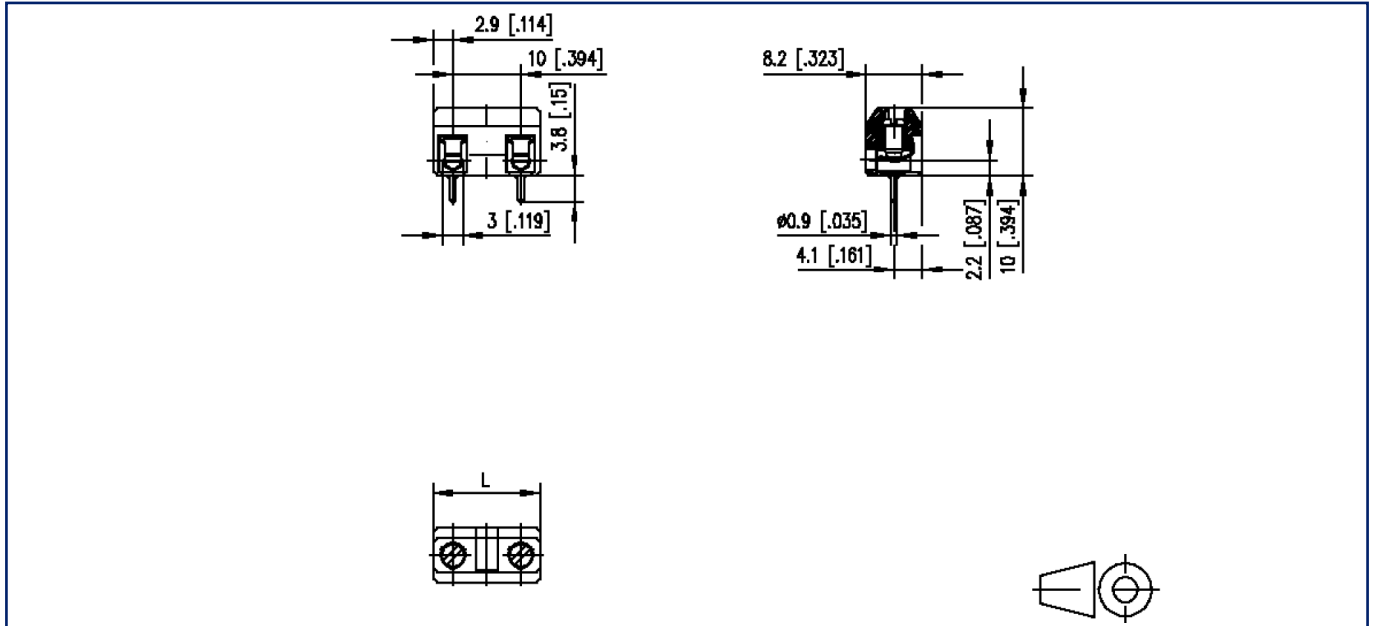
xx=number of poles

2023/06/23

Version: Y

Illustrations

Dimensional drawing



L=(pole size - 1) x centerline + 5 mm [0.197]



U | Contact

Data sheet
RT019xxHDWC Type 001

Page 5/5

P/N
310012xx
xx=number of poles
2023/06/23
Version: Y

Illustrations

Drill pattern

