

Data Sheet

RT015xxVDWC

Page 1/5

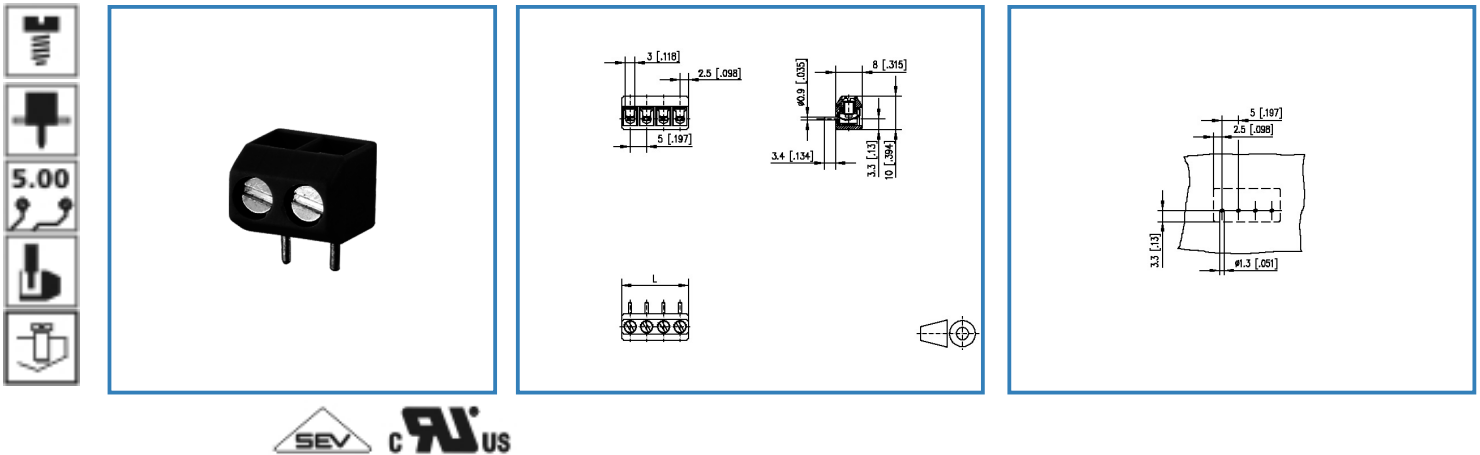
P/N

310631xx

xx=number of poles

2017/01/24

Illustration



see enlarged drawing at the end of the document

Product specification

- screw type terminal block, solderable
- centerline 5.00 mm, direction of connection vertical 0°
- wire protector, fittable without loss of poles
- color gray

Data Sheet

RT015xxVDWC

Page 2/5

P/N

310631xx

xx=number of poles

2017/01/24

Technical Data

General Data



Tightening torque SEV	0.4 Nm		
Tightening torque UL	3.5 lb-in		
Solder pin length	3.4 mm		
min. number of poles	2		
max. number of poles	22		
Insulating material class	CTI 600		
clearance/creepage dist.	2.6 mm		
protection category	IP 10		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	200 V	500 V	500 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Connection data

Rated wiring solid wire	0.34 - 2.0 mm ² / AWG 22 - 14
Rated wiring stranded wire	0.34 - 2.0 mm ² / AWG 22 - 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	300 / 15 / 22 - 14
 1.5 mm ²	130 V / 13 A / T60

Material

insulating material	PA66
flammability class	V0
Glow-Wire Flammability GWFI	960
Glow-Wire Flammability GWIT	775
terminal body material	CuZn
terminal body surface	Ni + Sn
screw surface	Zn Cr(VI)-frei/free
wire protector material	CuSn
wire protector surface	Sn
screw thread	M3

Climatic properties

upper limit temperature	105 °C
-------------------------	--------

Data Sheet

RT015xxVDWC

Page 3/5

P/N

310631xx

xx=number of poles

2017/01/24

lower limit temperature -40 °C

General

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

Data Sheet

RT015xxVDWC

Page 4/5

P/N

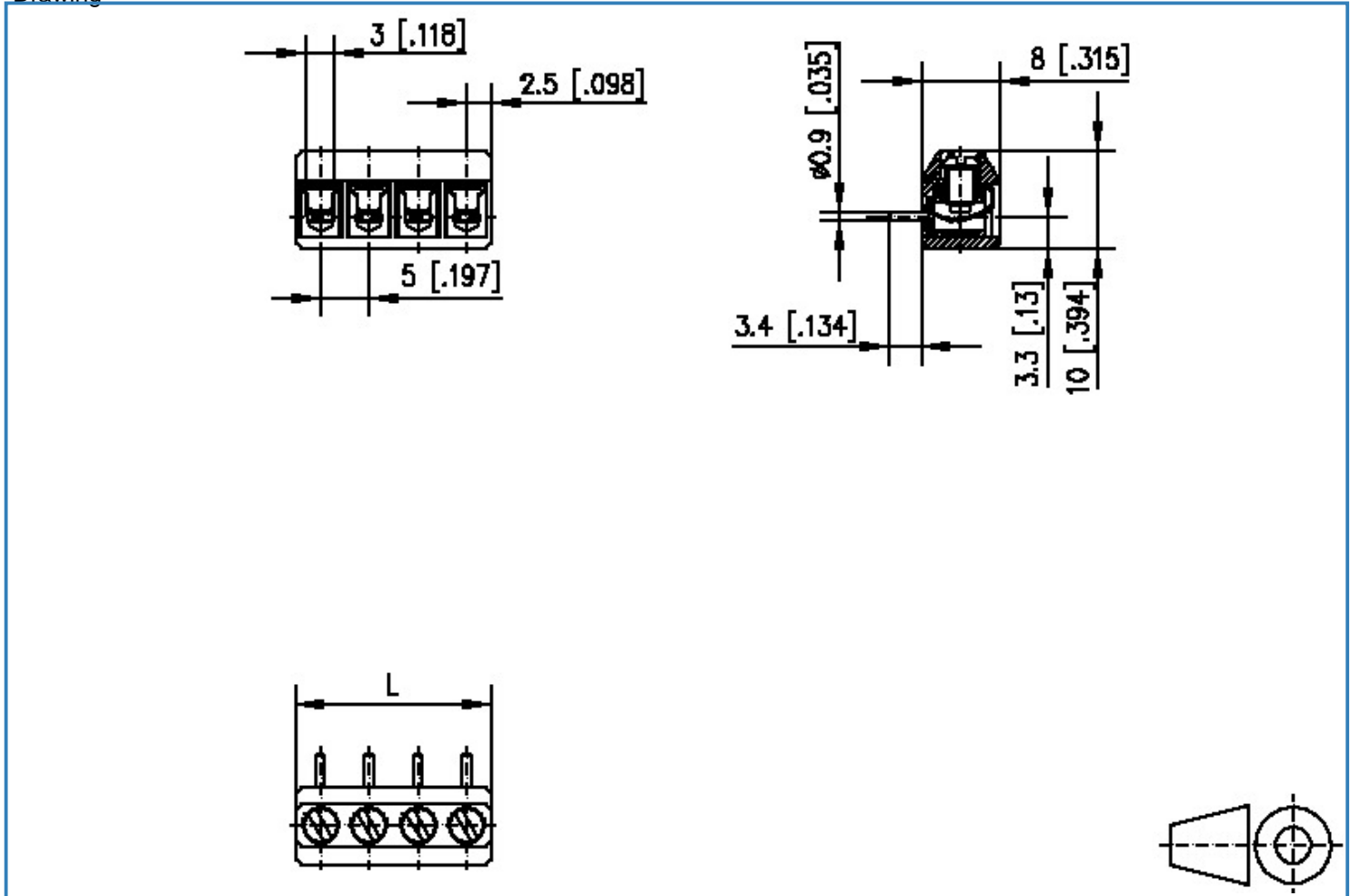
310631xx

xx=number of poles

2017/01/24

Illustration

Drawing



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



Data Sheet

RT015xxVDWC

Page 5/5

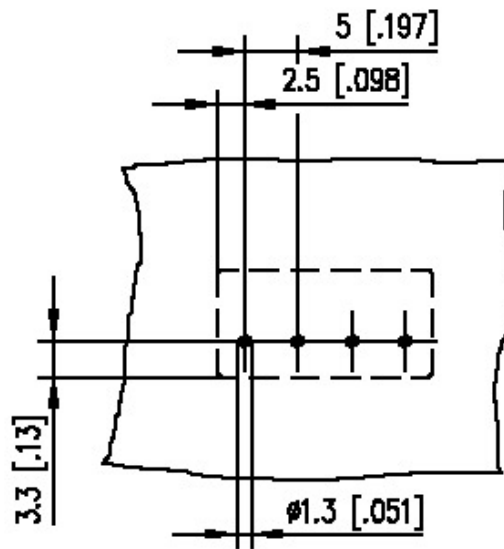
P/N

310631xx

xx=number of poles

2017/01/24

PCB Layout



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Metz manufacturer](#):

Other Similar products are found below :

[142M4D95050](#) [ASP0631006](#) [4898-454G](#) [4895-454G](#) [4887-454G](#) [4897-454G](#) [ASP0460622](#) [142M2X25005](#) [ASP0440222](#) [1108861321](#)
[1108311319](#) [1108501319](#) [11089313](#) [834HTC-900ML](#) [130920-E](#) [150240C30610E](#) [110304412004](#) [1108831326](#) [150240C30310S](#) [135015-](#)
[SSC-E](#) [1528SBGT19E](#) [1401110012KE](#) [142M2X15010](#) [11085813](#) [810-500](#) [810-50](#) [31336104](#) [ASP0430922](#) [SP06502VBNF](#) [31217103](#)
[142M1D19020](#) [SR99S01VBNN0001](#) [31213102](#) [31251104](#) [AST0820406](#) [1108811319](#) [142M2XB5050](#) [834B-375ML](#) [841ER-1.17L](#)
[31009105](#) [31020205](#) [31024102](#) [31027103](#) [31383106](#) [130922-03-E](#) [130924-E](#) [11027605](#) [1108841319](#) [1108341319](#) [15024AD206-E](#)