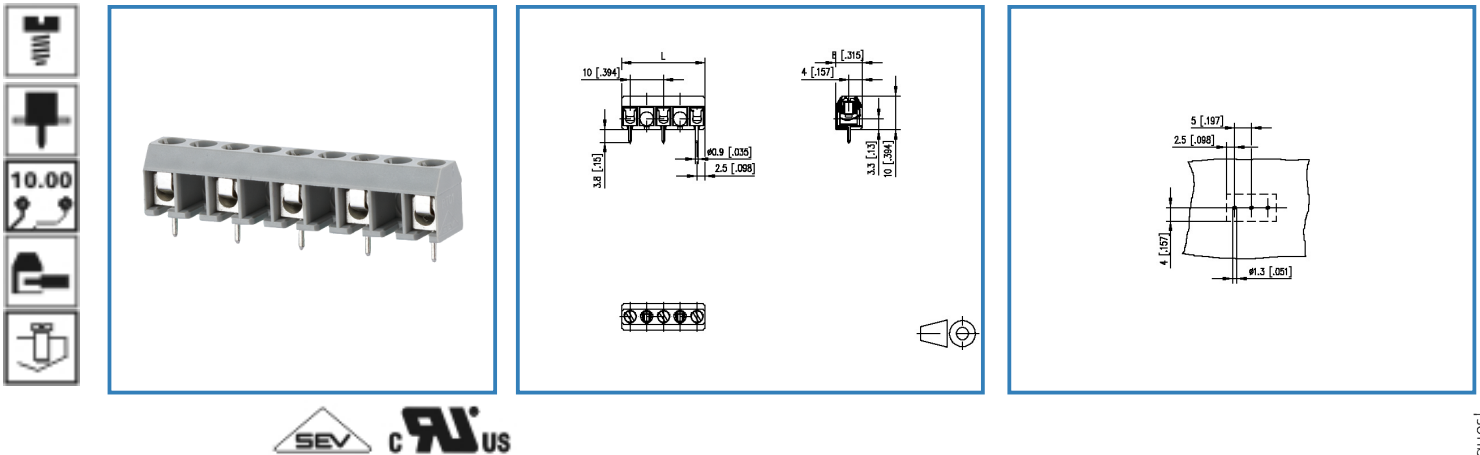


Data Sheet

RT019xxHDWC

Illustration



see enlarged drawing at the end of the 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

Data Sheet

RT019xxHDWC

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	IP 10		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	63.0 V	320.0 V	320.0 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV


Connection data

Rated wiring solid wire	0.34 - 2 mm ² / AWG 22 - 14		
Rated wiring stranded wire	0.34 - 2 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.		
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 V / A / AWG	600 / 15 / 22 - 14		
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 1.5 mm ²	750 V / 17.5 A / T60		
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Material

insulating material	PA66		
flammability class	V0		
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12		
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13		
terminal body material	CuZn		
terminal body surface	Ni + Sn		
screw surface	Zn Cr(VI)-frei/free		

Data Sheet RT019xxHDWC

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P/N

310012xx

xx=number of poles

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wire protector material	CuSn
wire protector surface	Sn
screw thread	M3

Climatic properties

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

General

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

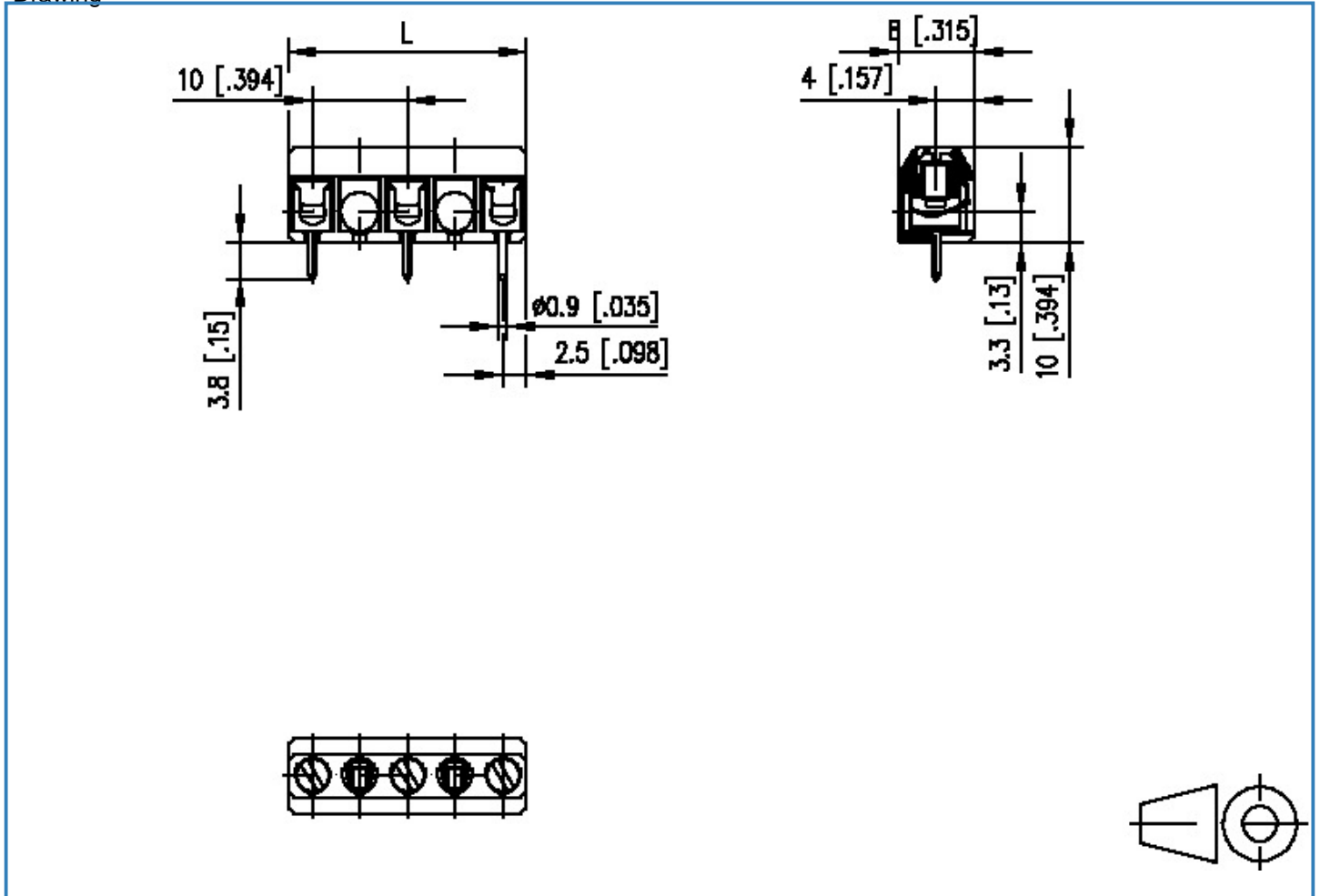


Data Sheet

RT019xxHDWC

Illustration

Drawing



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

Data Sheet

RT019xxHDWC

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P/N

310012xx

xx=number of poles

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PCB Layout

