

Data sheet

RT016xxVBWC Typ 163

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P/N
311631xx

xx=number of poles

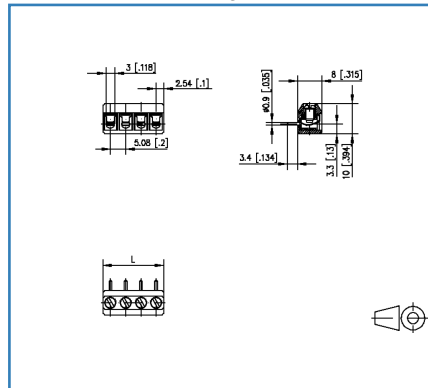
2019/10/28

Version: X

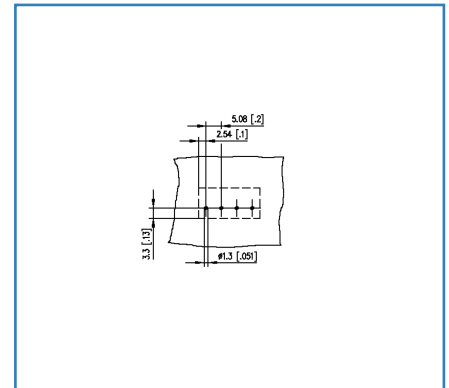
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document



Product specification

- screw type terminal block, solderable
- centerline 5.08 mm, direction of connection vertical 0°
- wire protector, fittable without loss of poles
- color black

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	16		
Insulating material class	CTI 600		
clearance/creepage dist.	2.6 mm		
protection category	IP10		
Min. insul. strip length	6 mm		
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

Connection Data	
rat.wiring solid AWGmax	0.34 mm ² - 2 mm ² / AWG 28 - AWG 14
rat.wiring strand.AWGmax	0.34 mm ² - 1.5 mm ² / AWG 28 - AWG 14

Approvals	
 V / A / AWG	300 / 15 / 28 - 14
approval UL - File No.	E121004
 1.5 mm ²	130 V / 13 A / 13A / T60

Material	
insulating material	PA66
flammability class	V0
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
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 - substance (SVHC)	Lead / 7439-92-1

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Technical Data**Climatic Data**

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

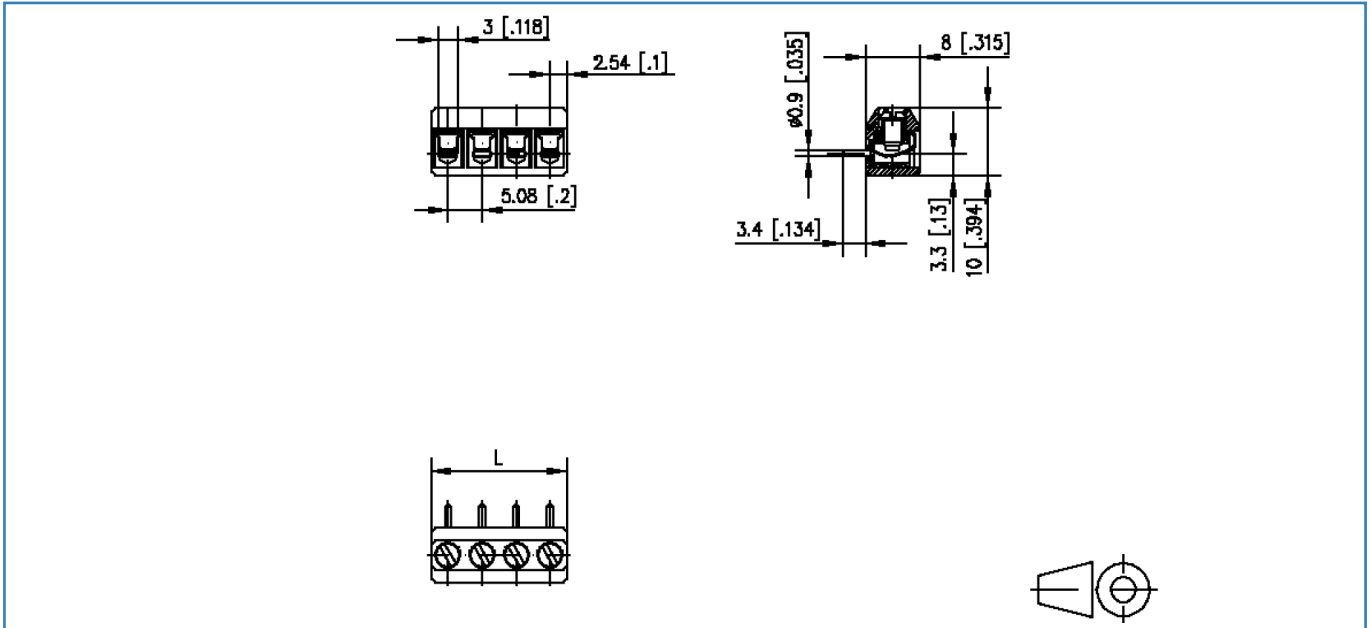
General

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



Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5.08 \text{ mm} [0.2]$

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Illustrations

Drill pattern

