

# Data sheet

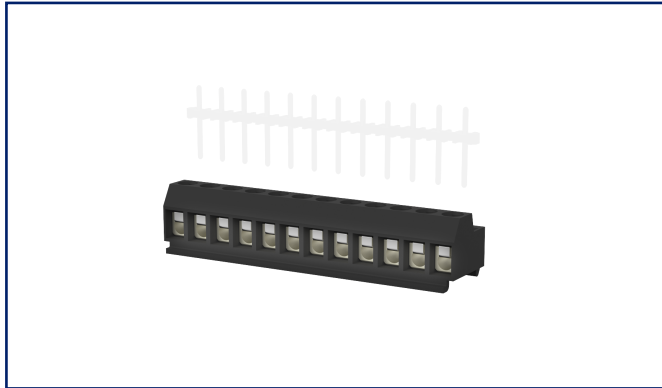
## RP09512RBWC Type 157 with clip system

Page 1/6

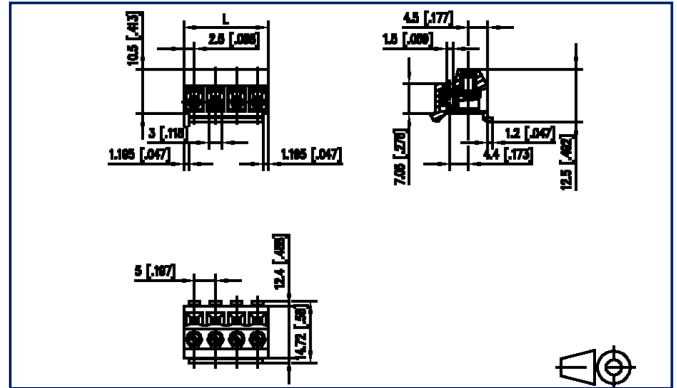
P/N  
31157112

2024/12/02  
Version: A

### Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

### Product specification

- screw type terminal block, pluggable
- centerline 5.00 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black
- pluggable, top side pin insertion, snap-in technique for mounting into a housing



**Technical Data**


**General Data**

Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.4 lb-in		
pole size	12		
Insulating material class	CTI 600		
clearance/creepage dist.	4.15 mm		
Protection category	IP20		
Insul. strip length	6 mm		
Rated current	13.5 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	0.08 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 28 - AWG 14		
rat.wiring strand.AWGmax	0.08 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 28 - AWG 14		

**Approvals**

 V / A / AWG	300 / 5 / 28 - 14		
approval UL - File No.	E121004		

 2.5 mm <sup>2</sup>	250 V / 4 kV / 13.5 A		
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**Material**

insulating material	PA66
flammability class	V0
contact material	CuSn
Contact surface	Sn
terminal body thread	M3
terminal body material	CuZnPb
terminal body surface	Ni
screw thread	M3
screw material	8,8
screw surface	Zn Cr(VI)-frei/free

**Data sheet**  
**RP09512RBWC Type 157 with clip system**

Page 3/6

P/N  
311571122024/12/02  
Version: A**Technical Data**

wire protector material	CuSn
wire protector surface	Sn
Glow-Wire Flammability GWFI	850 °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
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**Application note**

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

# U | Contact

Data sheet  
**RP09512RBWC Type 157 with clip system**

Page 4/6

P/N  
**31157112**

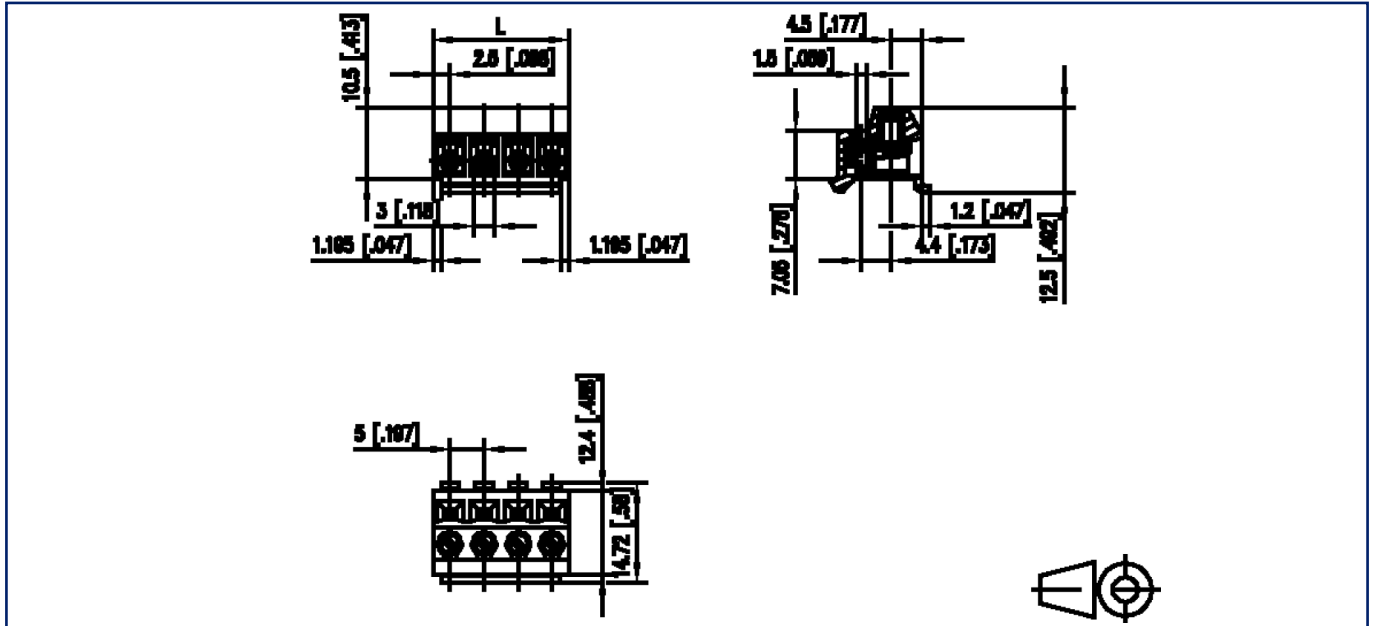
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## Counterpart

P/N	Designation
310461	PR035xxVBHC Type 046
313171	PM015xxVBHC Type 317
313181	PM025xxVBHC Type 318

**Illustrations**

Dimensional drawing as an example



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

**Illustrations**

Application example

