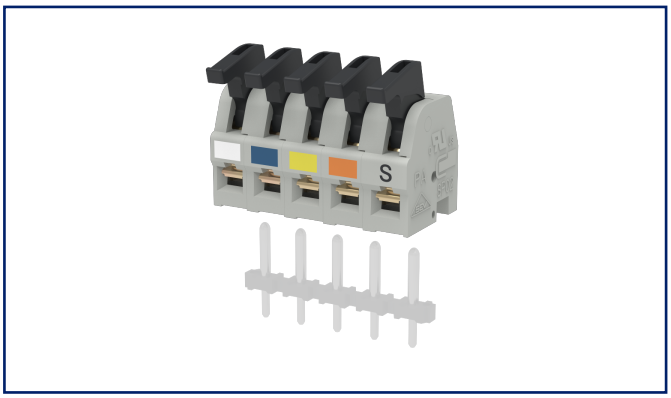
Data sheet

SP02505HDNC ASP0250504-002

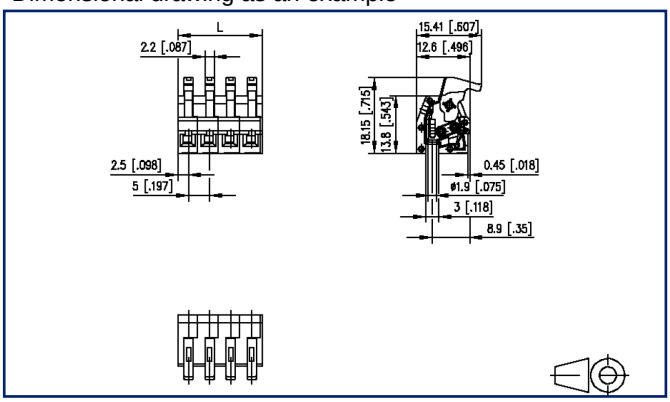
P/N
ASP0250504-002

2026/11/16
Version: E

Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

Product specification

- ethernet-capable spring clamp terminal block with eccentric lever, pluggable
- centerline 5.00 mm, direction of connection 90°
- fittable without loss of poles
- color gray, color coding for conductor colors according to PROFINET (white/blue/yellow/orange/S)

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Technical Data

General Data			
pole size	5		
Insulating material class	CTI 600		
clearance/creepage dist.	3.7 mm		
Protection category	IP20		
Insul. strip length	4 mm		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	40 V	250 V	250 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV
Terminal data			
rat.wiring solid AWGmax	0.08 mm² - 1.5 mm² / AWG 28 - AWG 16		
rat.wiring strand.AWGmax	0.08 mm² - 0.75 mm² / AWG 28 - AWG 18		
Approvals			
c UL us V / A / AWG	300 / 8 / 28 - 16		
approval UL - File No.	E121004		
SEV	250 V / 4 kV / 10 A		
Transmission characteristics			
Data transmission according to IEEE 802.3i/u/y	10/100 MBit/s up to 100 m		
Power transmission	PoE, IEEE 802.3af, 15,4 W PoE+, IEEE 802.3at, 30 W		
Material			
insulating material	PPA		
flammability class	V0		
spring material	Spring steel		
contact material	CuSn		
Contact 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			

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Technical Data

upper limit temperature	105 °C
lower limit temperature	-40 °C
general	
Tolerance	ISO 2768 -mH
Note PCB compensation	The PCB compensation is necessary to achieve the specified data transmission specifications

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.

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Accessories

P/N	Designation
720036-01-4	Mounting flange gray for type ASP025
720036-02-2	Mounting flange black for type ASP025

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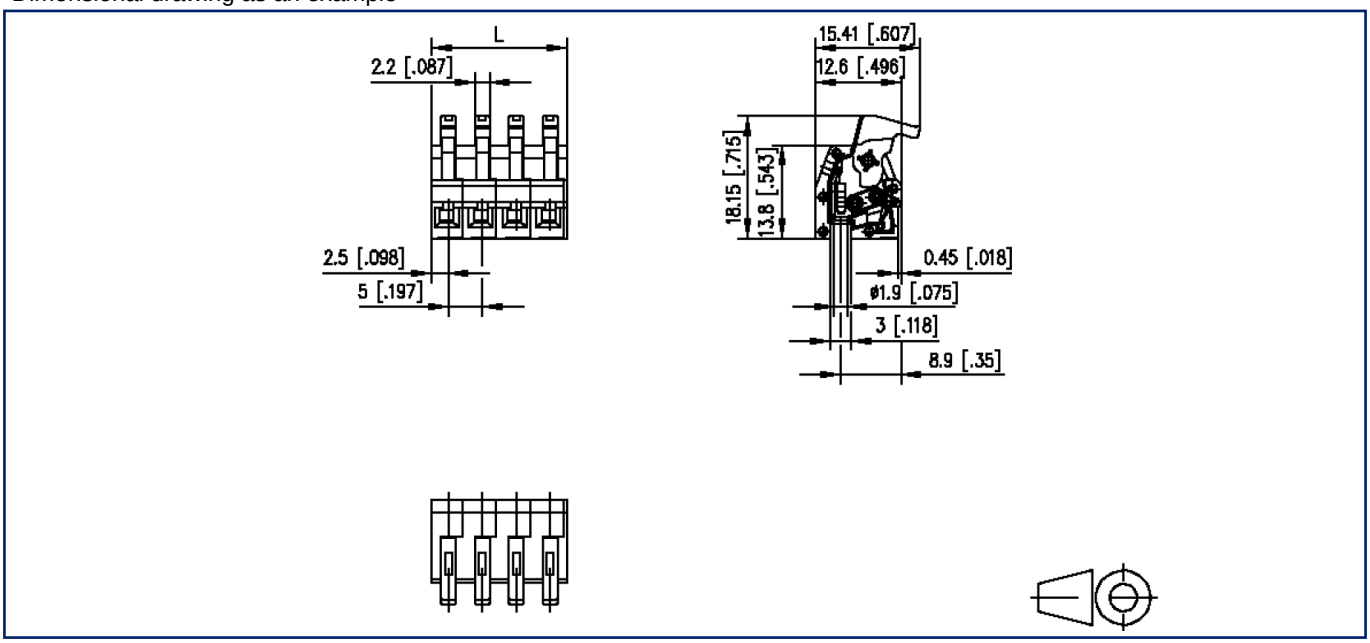
Counterpart

P/N	Designation
310171	PR015xxVBHC Type 017
31017105	PR01505VBHC Type 017
310411	PT065xxVBEN Type 041
31041105	PT06505VBEN (Type 041), 5-pole
314171	PM035xxVBHC (Type 417)

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Illustrations

Dimensional drawing as an example



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

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