

Data sheet

SP02505HDNC ASP0250504-002

P/N
ASP0250504-002

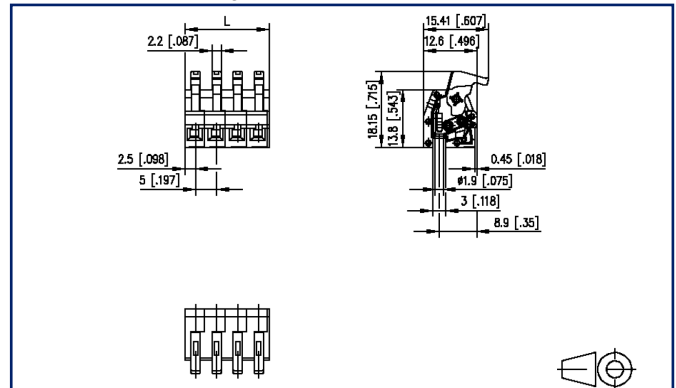
2023/09/26

Version: A

Illustrations



Dimensional drawing





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)



Technical Data

General Data			
pole size	5		
Insulating material class	CTI 600		
clearance/creepage dist.	3.7 mm		
Protection category	IP20		
Min. insul. strip length	4 mm		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	2	2	2
Rated voltage	40 V	250 V	250 V
Rated test voltage	1.5 kV	1.5 kV	1.5 kV
Terminal data			
rat.wiring solid AWGmax	0.08 mm ² - 1.5 mm ² / AWG 28 - AWG 16		
rat.wiring strand.AWGmax	0.08 mm ² - 0.75 mm ² / AWG 28 - AWG 18		
Approvals			
 V / A / AWG	300 / 8 / 28 - 16		
approval UL - File No.	E121004		
 1.5 mm ²	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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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

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Accessories

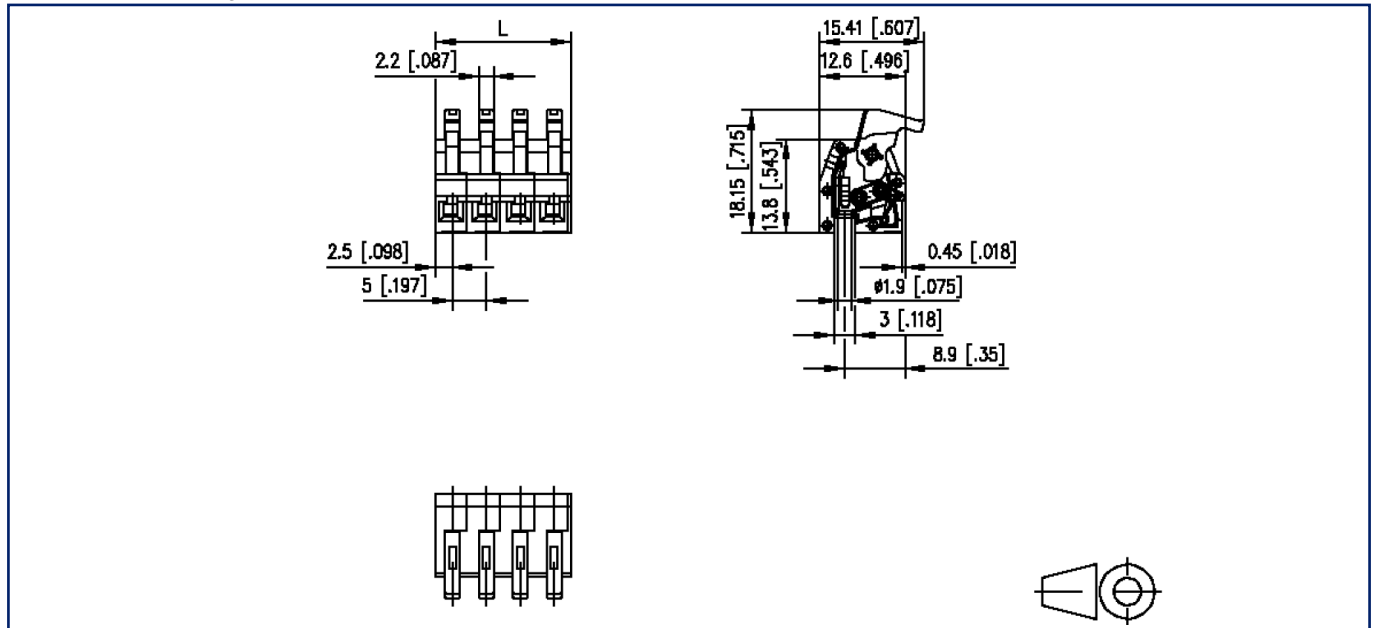
P/N	Designation
720036-01-4	Mounting flange gray for type ASP025
720036-02-2	Mounting flange black for type ASP025

Counterpart

P/N	Designation
310171	PR015xxVBHC Type 017
310411	PT065xxVBEN Type 041
314171	PM035xxVBHC Type 417

Illustrations

Dimensional drawing



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