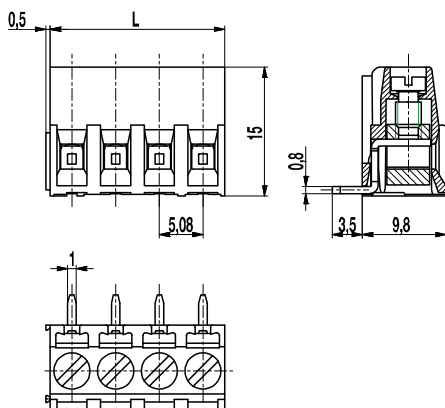


PCB connector

146-A-121

Screw connection, wire entrance vertical to PCB, interlocking



The PCB connector 146-A-121 with lift system is the horizontal version of 146-A-111 with a pitch of 5,08 mm and available with 2 to 24 poles.

Lateral latching elements on the housing allow to latch the PCB connector to longer terminal rows without pole loss.
The wire entrance is vertical to the PCB.
The screws are captive.

Part Numbers

No. of poles	146-A-121	Length	Pcs
2	20.805.302	10,16	250
3	20.805.303	15,24	250
4	20.805.304	20,32	200
5	20.805.305	25,40	100
6	20.805.306	30,48	100
7	20.805.307	36,56	100
8	20.805.308	40,64	100
9	20.805.309	45,72	100
10	20.805.310	50,80	100
11	20.805.311	55,88	100
12	20.805.312	60,96	100
13	20.805.313	66,04	100
14	20.805.314	71,12	100
15	20.805.315	76,20	100
16	20.805.316	81,28	100
17	20.805.317	86,36	100
18	20.805.318	91,44	100
19	20.805.319	96,52	100
20	20.805.320	101,60	100
21	20.805.321	106,68	100
22	20.805.322	111,76	100
23	20.805.323	116,84	100
24	20.805.324	121,92	100

General Information

Pitch	5,08 mm
No. of poles	2 - 24

Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,14 - 4 mm ² / 0,14 - 2,5 mm ² / 26 - 14 AWG		
Rated Cross Section	2,5 mm ²		
Wire Stripping Length	7 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	24 A		
Hole in PCB	ø 1,4 mm		
Torque	0,5 Nm		

Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Nickel plated brass
Pressure clamp	Copper alloy, tin plated
Screw	M3; zinc plated steel, blue passivated
Solder pin	1,0 x 0,8 mm; copper alloy, tin plated

Approvals

	Current	Voltage	Group	AWG	Nm
	20	300	B	26 - 12	0,51
	10	300	D	26 - 12	0,51
	20	300	B	26 - 12	0,51
	10	300	D, E	26 - 12	0,51

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,08
- Pitch of 10,16 mm for larger clearance and creepage distances