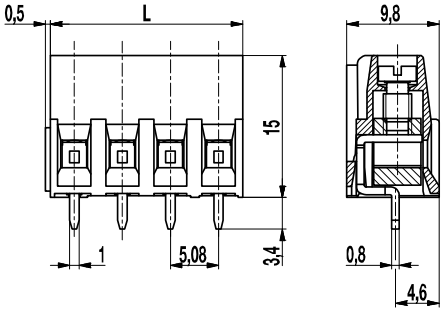
PCB connector
146-A-111
Screw connection, interlocking



The PCB connector 146-A-111 with lift system is designed as one-tier version 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 parallel to the PCB. The screws are captive.

Part Numbers

No. of poles	146-A-111	Length	Pcs
2	10.805.302	10,16	250
3	10.805.303	15,24	250
4	10.805.304	20,32	200
5	10.805.305	25,40	100
6	10.805.306	30,48	100
7	10.805.307	35,56	100
8	10.805.308	40,64	100
9	10.805.309	45,72	100
10	10.805.310	50,80	100
11	10.805.311	55,88	100
12	10.805.312	60,96	100
13	10.805.313	66,04	100
14	10.805.314	71,12	100
15	10.805.315	76,20	100
16	10.805.316	81,28	100
17	10.805.317	86,36	100
18	10.805.318	91,44	100
19	10.805.319	96,52	100
20	10.805.320	101,60	100
21	10.805.321	106,68	100
22	10.805.322	111,76	100
23	10.805.323	116,84	100
24	10.805.324	121,92	100

General Information

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

Technical Data

Clamping Range	*solid / flexible / AWG*		
	0,14 - 4 mm² / 0,14 - 2,5 mm² / 26 - 14 AWG		
Rated Cross Section	2,5 mm²		
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

"no flame" after glow-wire test according to Household Appliance DIN EN/IEC 60335-1