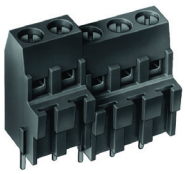
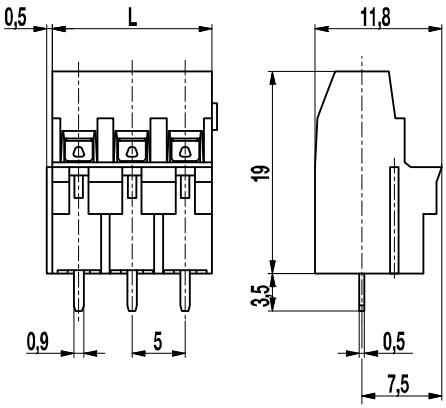
PCB connector

140-B-111

Screw connection, interlocking, raised version





The PCB connector 140-B-111 with lift system is the raised version with a pitch of 5 mm and available with 2 or 3 poles.

Due to the raised design, the clamping space projects over e.g. parts or housing edges in front. This PCB connector can also be used for encapsulating circuits.

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

Connecting the two PCB connectors 140-B-111 and 140-A-111 yields the two-tier versions 140-B-151 and 140-B-153.

Part Numbers

No. of poles	140-B-111	Length	Pcs
2	10.801.472	10,00	200
3	10.801.473	15,00	200

General Information

Pitch	5 mm
No. of poles	2 + 3
Usable with	PCB connector 140-A-111

Technical Data

Clamping Range	*solid / flexible / AWG*		
	0,14 - 1,5 mm² / 0,14 - 1,5 mm² / 26 - 16 AWG		
Rated Cross Section	1,5 mm²		
Wire Stripping Length	6 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	160 V	160 V	320 V
Rated Impulse Voltage	2,5 kV	2,5 kV	2,5 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	16 A		
Hole in PCB	ø 1,2 mm		
Torque	0,5 Nm		

Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up tp 100°C
Terminal body	Nickel plated brass
Pressure clamp	Copper alloy, tin plated
Screw	M3; zinc plated steel, blue passivated
Solder pin	0,9 x 0,5 mm; copper alloy, tin plated

Approvals

	Current	Voltage	Group	AWG	Nm
	10 [1]	300	B	30 - 14	0,51
	15	300	B	30 - 14	0,51
	10	300	D	30 - 14	0,51

[1] 20 A max for factory-wiring applications only

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 10 mm for larger clearance and creepage distances
- Can be fitted together to larger pole numbers

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

pottable