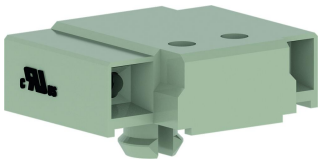
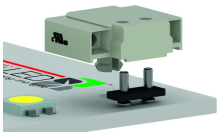
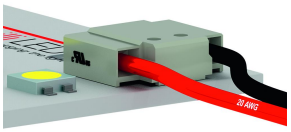
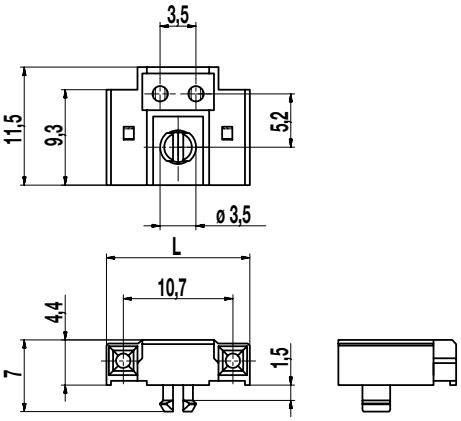
Power supply connector
930-LP-111

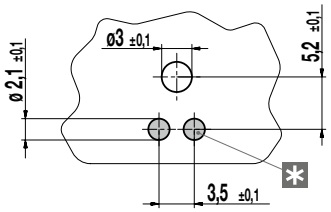








Recommended PCB Layout



✱= Solder pads for 931-SLT-SMD-1,1-L4
Solder paste thickness: 0,15 - 0,2 mm

The power connector 930-LP-111 was designed to coincide with the pin connector 931-SLT-SMD-1,1-L4/02 conductors to be connected to an LED board.
This is done via screwless push-in connection.
The connector itself is pushed from above onto the pin strip and is secured by the locking hooks in addition to the board.

This product is used in low PCB compounds. The terminal can be used to bring electricity to a circuit board or to allow other power connections a concatenation of multiple boards. Specially designed for the LED lighting industry, such as, roads, tunnel lighting, in the office and in the construction of lighting applications, where large amounts of LEDs are needed to produce sufficient light. Particularly suitable for tiled LED groups in which an easy installation and placement is required.

Part Numbers

No. of poles	930-LP-111	Length	PU
2	10.893.762	14,0	250

General Information

Pitch	3,5 mm
No. of poles	2
Usable with	931-SLT-SMD-1,1-L4/02
Areas of application	Lighting application

Technical Data

Clamping Range	*solid / flexible / AWG*		
	0,2 - 0,5 mm² /0,34 - 0,5 / 24 - 20 AWG [1][2]		
Rated Cross Section	0,5 mm²		
Wire Stripping Length	7 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	130 V acc. to EN 60998-1		
Rated Current	6 A		
PCB thickness	Recommendation: 1,5 mm		

Material

Moulding	PA, white, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Contact elements	Tin plated copper alloy

Approvals

	Current	Voltage	Group	AWG	Nm
c UL us	6	250		22 - 20 [2][3]	

[1] Use of flexible conductors only with tinned ends
[2] AWG 22 - 20 stranded wire dipped in a solder bath. AWG 20 solid.
[3] Acc. to UL 1977 and C22.2 No. 182.3