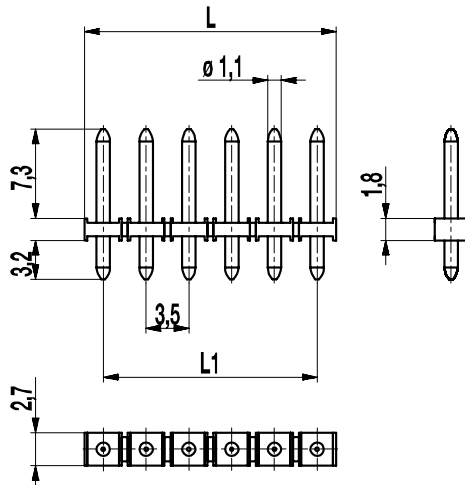
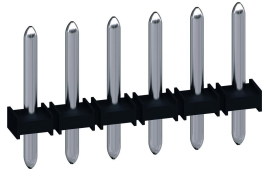


## Pin strip for THR

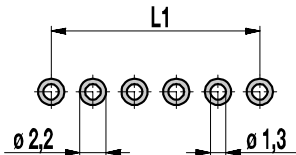
### 931-SLR-THR-1,1

Soldering/plug-in area  $\varnothing$  1,1 mm



$$L1 = (\text{No. of poles} - 1) \times \text{pitch}$$

### PCB Layout



Solder paste thickness: 0,15 - 0,2 mm  
Solder pad diameter:  $\varnothing$  2,2 mm

The pin strip 931-SLR-THR-1,1 for the application in a reflow soldering process and with a pitch of 3,5 mm is available in 2 to 16 pole design.

It comes with a constant pin diameter of 1,1 mm in the solder and plug-in area. The high temperature resistant plastic housing has a very high CTI value and is equipped with spacers, so-called "Stand-offs", which ensure a better hot-air circulation during the reflow soldering process in the convection oven. Beyond this, they assure an improved optical control of the solder joints.

For the automatic assembling process, all pin strip versions are packed Tape-on-Reel and are equipped with high temperature resistant Pick Caps, which can comfortably be removed after the soldering process.

### Part Numbers

No. of poles	931-SLR-THR-1,1	Length	PU
2	32.893.727	6,50	1000
3	33.893.727	10,00	1000
4	34.893.727	13,50	500
5	35.893.727	17,00	500
6	36.893.727	20,50	500
8	38.893.727	27,50	250
10	40.893.727	34,50	200
12	42.893.727	41,50	200
16	46.893.727	55,50	200

further number of poles on request

### General Information

Pitch	3,5 mm
No. of poles	2 - 16
Usable with	plug connector 930-FL(DS)
Additional Information	Also, please take into consideration the pin strips 931-SLR-THR, 931-SLR-THR-1,3 and 931-SLR-SMD-1,3 in genuine surface mount technology.

### Technical Data

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		
Soldering process	Wave solder & reflow solder		
Hole in PCB	$\varnothing$ 1,3 mm		
PCB thickness	Wave solder max. 1,6 mm; reflow solder 1,6 - 3,2 mm		

### Material

Moulding	PA HT, black, V-0
Comparative Tracking Index	CTI $\geq$ 600
Insulating Group	I
Temperature Range	-40°C up to 120°C; reflow solder temperature (Peak) max. 260°C (15-30 s)
Solder pin	$\varnothing$ 1,1 mm; tin plated brass

### Approvals

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	6	300	B, D		
	6	300	B, D		

### Options / Accessories

- Other plug pin lengths on request
- Other solder pin surfaces on request

### Part Numbers: Tape-on-Reel

No. of poles	931-SLR-THR-1,1	Tape Width	Tape Height	PU
3	33.893.727.A00	32 mm	14,6 mm	500
4	34.893.727.A00	32 mm	14,6 mm	500
5	35.893.727.A00	32 mm	14,6 mm	500
6	36.893.727.A00	56 mm	14,6 mm	500
7	37.893.727.A00	56 mm	14,6 mm	500
8	38.893.727.A00	56 mm	14,6 mm	500
9	39.893.727.A00	56 mm	14,6 mm	500
10	40.893.727.A00	56 mm	14,6 mm	500
11	41.893.727.A00	56 mm	14,6 mm	500
12	42.893.727.A00	72 mm	14,9 mm	500
13	43.893.727.A00	72 mm	14,9 mm	500
14	44.893.727.A00	72 mm	14,9 mm	500

further number of poles on request