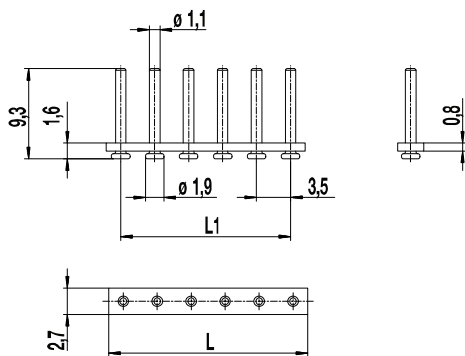
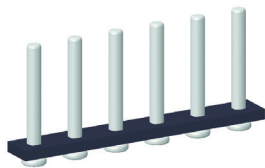


Pin strip for SMD

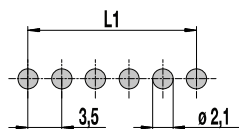
931-SLT-SMD-1,1

Low profile



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

PCB Layout



Solder paste thickness: 0,15 - 0,2 mm

931-SLT-SMD is a pin strip with a pitch of 3.5 mm for the application in a reflow soldering process with low profile for space critical applications. Contrary to the pin strips 931-SLR-THR and 931-SLR-THR-1,1, for which holes in the PCB are necessary, the SMD types of WECO base on true surface assembly. Soldering expands at the end of the pins guarantee optimal retention force on the printed circuit board.

The pin strip 931-SLT-SMD-1,1 comes with a constant pin \varnothing of 1,1 mm at the plug-in area.

Just like all THR versions of WECO, also the housings of the SMD series are made out of high temperature resistant plastic material and exhibit a very high CTI value.

For the automatic assembling all pin strips of this series are packed in Tape-on-Reel and equipped with high temperature resistant Pick Caps, which can easily be removed after the soldering process.

Part Numbers

No. of poles	931-SLT-SMD-1,1	Length	PU
2	12.893.718	6,50	1000
3	13.893.718	10,00	1000
4	14.893.718	13,50	500
5	15.893.718	17,00	500
6	16.893.718	20,50	500
8	18.893.718	27,50	250
10	20.893.718	34,50	200
12	22.893.718	41,50	200

further number of poles on request

General Information

Pitch	3,5 mm
No. of poles	2 - 12
Usable with	plug connector 930-FL(-DS)
Additional Information	Also, please take into consideration the pin strips 931-SLS for wave soldering, series 931-SLR-THR for Through-Hole-Reflow and 931-SLR-SMD in genuine surface mount technology.

Technical Data

Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	50 V	160 V	160 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	Reflow solder		

Material

Moulding	PA HT, black, V-0
Comparative Tracking Index	CTI 250
Insulating Group	IIIa
Temperature Range	-40°C up to 105°C; reflow solder temperature (Peak) max. 260°C (15-30 s)
Solder pin	\varnothing 1,1 mm (plug-in area); tin plated brass

Approvals

	Current	Voltage	Group	AWG	Nm
	pending				
	pending				

Options / Accessories

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

Part Numbers: Tape-on-Reel

No. of poles	931-SLT-SMD-1,1	Tape Width	Tape Height	PU
3	13.893.718.A00	32 mm	14,6 mm	500
4	14.893.718.A00	32 mm	14,6 mm	500
5	15.893.718.A00	32 mm	14,6 mm	500
6	16.893.718.A00	56 mm	14,6 mm	500
7	17.893.718.A00	56 mm	14,6 mm	500
8	18.893.718.A00	56 mm	14,6 mm	500
9	19.893.718.A00	56 mm	14,6 mm	500
10	20.893.718.A00	56 mm	14,6 mm	500
11	21.893.718.A00	56 mm	14,6 mm	500
12	22.893.718.A00	72 mm	14,9 mm	500