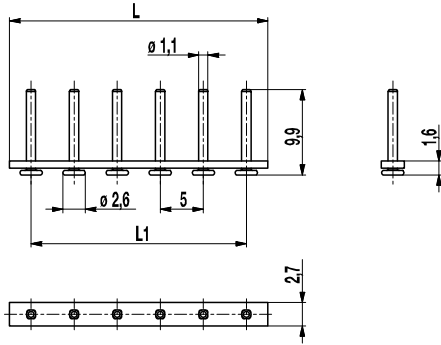
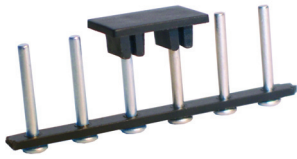
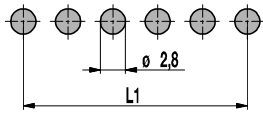


**Pin strip for SMD**  
**971-SLT-SMD-1,1**  
 Low profile



**PCB Layout**



$L1 = (\text{No. of poles} - 1) \times \text{pitch}$   
 Solder paste thickness: 0,15 - 0,2 mm

971-SLT-SMD is a pin strip with a pitch of 5 mm for the application in a reflow soldering process with low profile for space critical applications. Contrary to the well-known pin strips of 971-SLR and 971-SLR-THR, 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 971-SLT-SMD comes with a constant pin  $\varnothing$  of 1,1 mm at the plug-in area. Plug-in direction perpendicular to PCB and wire entrance parallel to PCB when plugged with WECO plug connectors (see general information); but not with the plug-in connectors of the series 115-F. Furthermore, we recommend this pin strip for higher numbers of poles, in order to minimize the plug-in and withdrawal forces here.

Just like all THR versions of WECO, also the housings of the SMD series are made out of high temperature resistant plastic material.

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	971-SLT-SMD-1,1	Length	Pcs
2	12.893.656	10,00	1.000
6	16.893.656	30,00	250

further number of poles on request

**General Information**

Pitch	5 mm
No. of poles	2 - 12
Usable with	plug connectors of series 950-FL-DS, 950-TFL-DS, 950-NAF-DS, 950-GFL-DS, 950-NLFL-DS, 950-RFL-DS
Additional Information	Also, please take into consideration the pin strips 971-SLR for wave soldering and 971-SLR-THR for Through-Hole-Reflow.

**Technical Data**

Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	160 V	160 V	250 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	10 A		
Soldering process	Reflow solder		

**Material**

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

**Approvals**

	Current	Voltage	Group	AWG	Nm
	10	300	B		

**Options / Accessories**

- Other plug pin lengths on request
- Other P.C. pin surfaces on request

**Part Numbers: Tape-on-Reel**

No. of poles	971-SLT-SMD-1,1	Tape Width	Tape Height	Pcs
2	12.893.656.A00	32 mm	16,1 mm	500
6	16.893.656.A00	44 mm	15,0 mm	500

further number of poles on request