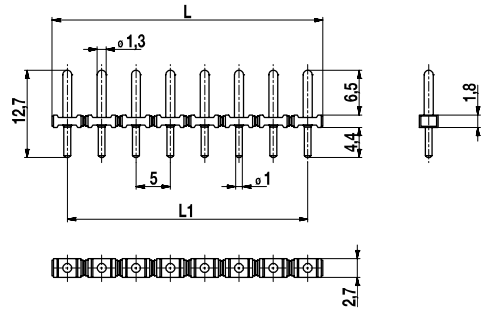


971-SLR

Pin strip

Soldering area \varnothing 1 mm; plug-in area \varnothing 1,3 mm



$L1 = (\text{number of poles} - 1) \times \text{pitch}$

GENERAL INFORMATION

Pitch	5 mm
No. of poles	2 - 12
Usable with	plug connector of series 115-F, 950-FL-DS, 950-TFL-DS, 950-NAF-DS, 950-GFL-DS, 950-NLFL-DS, 950-RFL-DS, 970-FBW-FU(-DS)
Additional Information	Pin strip is suitable for reflow soldering

TECHNICAL DATA

Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Current	10 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		

APPROVALS

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	10 [1]	300	B		
	10 [1]	300	B		
	Current [A]	Voltage [V]	mm ²		
	13,5	250 [2]			

CONFIGURATIONS

Poles	Part number	Article number	Length (L)	Packaging	PU
2	971-SLR/02	12.893.811	9,50 mm	Box	1000
3	971-SLR/03	13.893.811	14,50 mm	Box	500
4	971-SLR/04	14.893.811	19,50 mm	Box	500
5	971-SLR/05	15.893.811	24,50 mm	Box	250
6	971-SLR/06	16.893.811	29,50 mm	Box	250

further number of poles on request

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. 255°C acc. to DIN EN 61760-1
Solder pin	\varnothing 1,3 mm (plug-in area) / \varnothing 1,0 mm (soldering area); tin plated brass

OPTIONS / ACCESSORIES

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

[1] Above headers with 1.0 or 1.1 mm dia. pins are rated 12A max. with manufacturer's Cat. No. 120-W-111 terminal blocks. Above headers with 1.1 mm or 1.3 mm dia. pins are rated 12A max. with 115-F-111, 115-F-211 and 115-F-118 terminal blocks.

[2] Acc. to IEC 60947-7-4 und IEC 60947-1