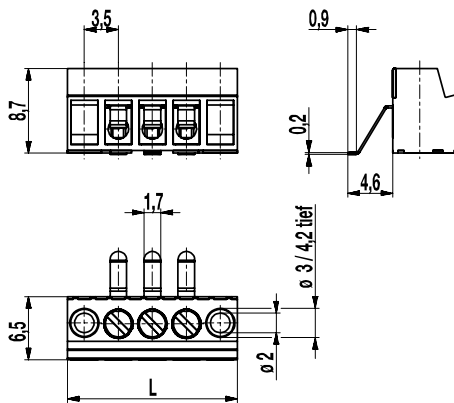


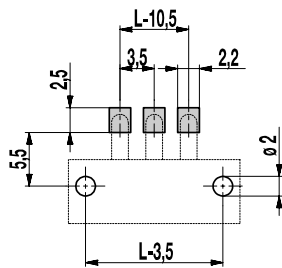
## 930-A-SMD

PCB Connector for SMD

Screw connection, with solder tag



$L = \text{No. of poles} \times \text{pitch} + 7,0 \text{ mm}$   
Solder paste thickness: 0,15 - 0,2 mm



Screw connections with wire protector are used on versions 930-A-SMD with a 3,5 mm pitch. This wire protection is extended beyond the rear panel of the housing and bent downwards for connection to the soldering pads. When the terminal strip is fitted, the preloaded soldering tags push against the soldering pads. This assures current transfer with high contact stability.

The housings have mounting flanges at either side, for reliable mechanical fastening on the circuit board. The terminals described are packed in tube magazines. Packed Tape on Reel on request.

### Part Numbers

No. of poles	930-A-SMD	Length	PU
2	20.870.472	14,00	1036
3	20.870.473	17,50	840
4	20.870.474	21,00	700
5	20.870.475	24,50	588
6	20.870.476	28,00	504
7	20.870.477	31,50	448
8	20.870.478	35,00	420
9	20.870.479	38,50	364
10	20.870.480	42,00	336
11	20.870.481	45,50	308
12	20.870.482	49,00	280

### General Information

Pitch	3,5 mm
No. of poles	2 - 12



### Technical Data

Clamping Range	<i>solid / flexible / AWG</i>		
	0,25 - 1 mm <sup>2</sup> / 0,25 - 1 mm <sup>2</sup> / 24 - 18 AWG		
Rated Cross Section	1 mm <sup>2</sup>		
Wire Stripping Length	5 mm ± 0,5 mm		
Overvoltage Category	III	II	II
Pollution Severity Level	3	2	2
Rated Voltage	32 V	125 V	125 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		
Torque	0,2 Nm		

### Material

Moulding	PA, black, V-0
Comparative Tracking Index	CTI 225
Insulating Group	IIIa
Temperature Range	-40°C up to 105°C; reflow solder temperature peak max. 255°C acc. to DIN EN 61760-1
Terminal body	Nickel plated brass
Screw	M2, zinc plated steel, blue passivated
Wire protector	Tin plated bronze

### Approvals

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	10	150	B	26 - 16	0,23
	7	150	B	26 - 16	0,2

### Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-3,5