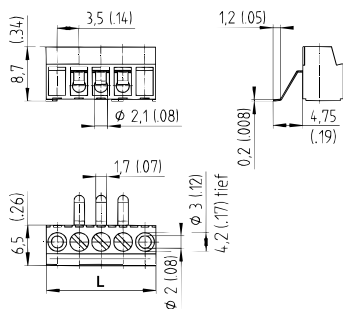


## PCB Connector Series 930 for SMD

### 930-A-SMD

Screw connection



L = No. of poles x pitch + 7,0 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.

#### Articlenumbers

No. of poles	930-A-SMD	Length	Pcs
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

Centre to centre spacing	3,5 mm
No. of poles	2 - 12
Accessories	Self-adhesive marking strip BST-3,5
Additional Information	Wire entry parallel to printed circuit board

#### Technical Data

Clamping Range	solid / flexible / AWG 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 $\pm$ 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. 250°C (15-30 s)
Terminal Body	Nickel plated brass
Screw	M2, zinc plated steel, blue passivated
Wire protector	Tin plated bronze

#### Approvals

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

#### Options / Accessories

- Consecutive numbering
- Special marking accord. drawing
- Self-adhesive marking strip