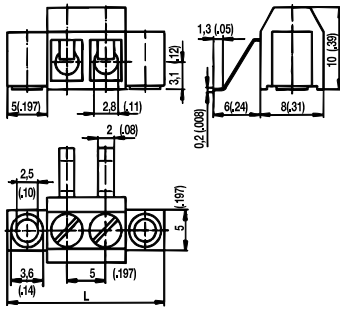
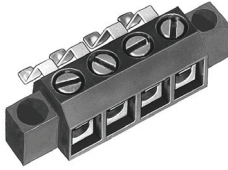


# PCB Connector Series 950 for SMD

## 950-A-SMD

Screw connection



L = No. of poles x pitch + 10 mm  
Solder paste thickness: 0,15 - 0,2 mm

Screw connections with wire protection are used on versions 950-A-SMD with a 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	950-A-SMD	Length	Pcs
2	20.871.266	20,00	624
3	20.871.267	25,00	504
4	20.871.268	30,00	408
5	20.871.269	35,00	360
6	20.871.270	40,00	312
7	20.871.271	45,00	264
8	20.871.272	50,00	240
9	20.871.273	55,00	216
10	20.871.274	60,00	192
11	20.871.275	65,00	192
12	20.871.276	70,00	168

### General Information

Centre to centre spacing	5 mm
No. of poles	2 - 12
Accessories	Self-adhesive marking strip BST-5,0
Additional Information	Wire entry parallel to printed circuit board

### Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,34 - 2,5 mm <sup>2</sup> / 0,34 - 2,5 mm <sup>2</sup> / 22 - 14 AWG
Rated Cross Section	1,5 mm <sup>2</sup>
Wire Stripping Length	6 mm
Rated Voltage	160 V acc. to EN 60664-1 Pollution degree 3 Clearance and Creepage Distance: > 2 mm
Rated Impulse Voltage	2,5 kV
Rated Insulation Voltage	130 V acc. to EN 60998-1
Rated Current	6 A
Soldering process	Reflow solder
Torque	0,4 Nm

### Material

Moulding	PA, black, V-0
Comparative Tracking Index	CTI 250
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	M2,6; zinc plated steel, blue passivated
Wire protector	Tin plated bronze

### Approvals

	Current	Voltage	Group	AWG	Nm
	15	300	B	26 - 14	0,4
	15	300	B	26 - 14	0,4

### Options / Accessories

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