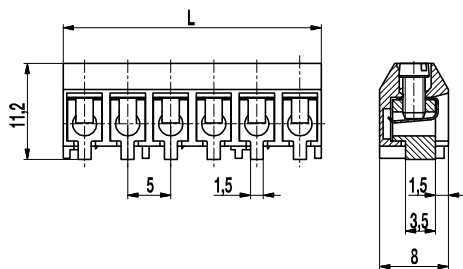
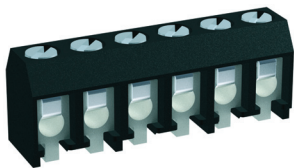


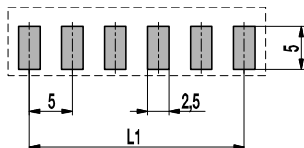
## PCB connector for SMD

### 950-D-SMD-DS

Screw connection



### PCB Layout



$L1 = (\text{No. of poles} - 1) \times \text{pitch}$   
Solder paste thickness: 0,2 - 0,25 mm

The 950-D-SMD-DS is a reflow solderable PCB terminal for true surface mounting with a pitch of 5 mm. The geometry of the terminal Body creates enough space for the solder paste and it also enables a good heat circulation for flawless soldering and an optical solder joint inspection. The housing is made of high temperature material. Its design ensures a good hot-air circulation during the reflow soldering process in a convection oven. The connection side of this product should be positioned in the direction of passage. This terminal can be delivered from 2 to 6 poles.

### Part Numbers

No. of poles	950-D-SMD-DS	Length	Pcs
2	20.879.502	10,00	250
3	20.879.503	15,00	250
4	20.879.504	20,00	100
5	20.879.505	25,00	100
6	20.879.506	30,00	100

### General Information

Pitch	5 mm
No. of poles	2 - 6

### Technical Data

Clamping Range	<i>solid / flexible / AWG</i>		
<i>with wire protector</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 ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	160 V	160 V	320 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	17,5 A		
Soldering process	Reflow solder		
Torque	0,4 Nm		

### Material

Moulding	PA, black, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 150°C; reflow solder temperature (Peak) max. 260°C (15-30 s)
Terminal body	Tin plated brass
Screw	M2,6; zinc plated steel, blue passivated
Wire protector	Tin plated tin 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 according to drawing
- Self-adhesive marking strip BST-5,00 [1]
- Special packaging on request: Tape-on-Reel - Tray - Tube magazine

### Part Numbers: Tape-on-Reel

No. of poles	950-D-SMD-DS	Tape Width	Tape Height	Pcs
2	20.879.502.A00	32 mm	12,3 mm	500
4	20.879.504.A00	32 mm	15,7 mm	300

[1] To be fitted after reflow soldering process