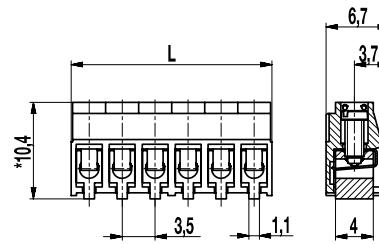


# 930-D-SMD(-DS)

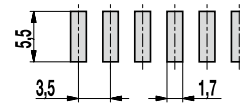
PCB connector for SMD

Screw connection, floating terminal bodies



\* = Height without -DS:  
10,2 mm  
L = No. of poles x pitch  
+ 0,3 mm

## PCB LAYOUT



Solder paste thickness:  
0,15 - 0,2 mm

## GENERAL INFORMATION

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

## TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i>		
<i>without wire protector</i>	0,75 - 1,5 mm <sup>2</sup> / 0,75 - 1,5 mm <sup>2</sup> / 18 - 16 AWG		
<i>with wire protector</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	III	II
Pollution Severity Level	3	2	2
Rated Voltage	125 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	13,5 A		
Soldering process	Reflow solder		
Torque	0,2 Nm		
Other specifications	Recommended screwdriver: blade 0,4 x 2,0 mm		

## APPROVALS

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

## MATERIAL

Moulding	PA HT, black, V-0
Comparative Tracking Index	CTI ≥ 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
Terminal body	Tin plated brass
Screw	M2: tin plated brass
Wire protector	German silver

## OPTIONS / ACCESSORIES

- Marking according to customer requirement
- Self-adhesive marking strip BST-3,50 [1]
- White housing colour on request

[1] To be fitted after reflow soldering process

## CONFIGURATIONS

Poles	Item	Article number	Item	Article number	Length (L)	Packaging	PU	Tape Width	Tape Height
2	930-D-SMD/02	10.870.602	930-D-SMD-DS/02	20.870.602	7,30 mm	Box	250		
3	930-D-SMD/03	10.870.603	930-D-SMD-DS/03	20.870.603	10,80 mm	Box	250		
4	930-D-SMD/04	10.870.604	930-D-SMD-DS/04	20.870.604	14,30 mm	Box	250		
6	930-D-SMD/06	10.870.606	930-D-SMD-DS/06	20.870.606	21,30 mm	Box	200		
8	930-D-SMD/08	10.870.608	930-D-SMD-DS/08	20.870.608	28,30 mm	Box	100		
12	930-D-SMD/12	10.870.612	930-D-SMD-DS/12	20.870.612	42,30 mm	Box	100		
2	930-D-SMD/02-T&R	10.870.602.A00	930-D-SMD-DS/02-T&R	20.870.602.A00	7,30 mm	Tape-on-Reel	500	24 mm	11,3mm
3	930-D-SMD/03-T&R	10.870.603.A00	930-D-SMD-DS/03-T&R	20.870.603.A00	10,80 mm	Tape-on-Reel	500	24 mm	11,3mm
4	930-D-SMD/04-T&R	10.870.604.A00	930-D-SMD-DS/04-T&R	20.870.604.A00	14,30 mm	Tape-on-Reel	500	24 mm	11,3mm
6	930-D-SMD/06-T&R	10.870.606.A00	930-D-SMD-DS/06-T&R	20.870.606.A00	21,30 mm	Tape-on-Reel	500	44 mm	11,3mm

further number of poles on request

