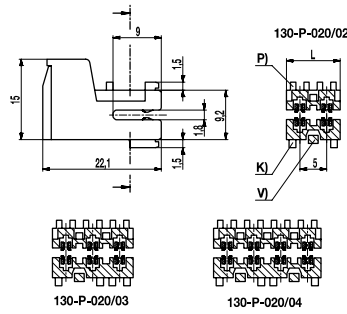
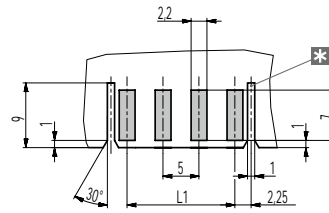


# 130-P

Plug connector  
Screw connection, direct contacting with the PCB



### RECOMMENDED PCB LAYOUT



P) Positioning  
K) Coding  
V) Interlocking

L1 = (No. of poles - 1) x pitch  
\* only necessary with closed sidewalls

### GENERAL INFORMATION

Pitch	5 mm
No. of poles	2 - 12
Usable with	PC Boards

### TECHNICAL DATA

Clamping Range	solid / stranded / AWG 0,2 - 4 mm <sup>2</sup> / 0,2 - 2,5 mm <sup>2</sup> / 26 - 14 AWG		
Rated Cross Section	2,5 mm <sup>2</sup>		
Wire Stripping Length	7 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	6 A		
PCB thickness	1,6 mm		
Torque	0,5 Nm		

### APPROVALS

	Current [A]	Voltage [V]	Group	AWG	[Nm]
	16	300	B	26 - 12	0,51
	10	300	D	26 - 12	0,51
	15	300	B, D, E	26 - 14	0,51

### MATERIAL

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Nickel plated brass
Pressure clamp	Tin plated tin bronze
Screw	M3; zinc plated steel, blue passivated
Spring	Tin plated tin bronze

### OPTIONS / ACCESSORIES

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 10 mm for larger clearance and creepage distances
- Closed side wall, on one or both sides
- Coding elements 130-CP
- Version with extended wire entrance

### CONFIGURATIONS

Poles	Part number	Article number	Length (L)	Packaging	PU
2	130-P/02	20.802.220	10,00 mm	Box	100
3	130-P/03	20.802.230	15,00 mm	Box	100
4	130-P/04	20.802.240	20,00 mm	Box	100

further number of poles on request

