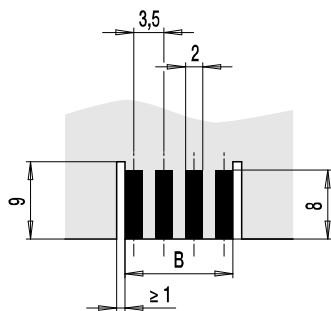
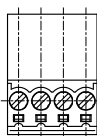
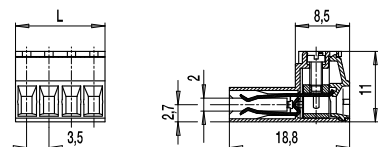
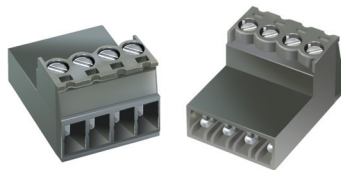


## Plug connector

### 110-AP-211

Screw connection, direct connection to PCB



$$B = (\text{Number of poles} \times 3,5) - 1,5$$

Due to the pitch of 3,5 mm, plug connectors of series 110 are particularly suitable for confined spaces. The Version 110-AP with screw terminals using lift system is suitable for the direct connection to PC boards. Slots corresponding with the housing side walls or the PC board width determine the correct plug connector position on the conductor paths. The board design determines whether the contacting is single- or double-sided.

Slots between the plug connections not only to increase the creepage distances in the housing but also serve as receptacle for coding keys.

#### Part Numbers

No. of poles	110-AP-211	Length	Pcs
2	10.842.072	7,00	200
3	10.842.073	10,50	200
4	10.842.074	14,00	100
5	10.842.075	17,50	100
6	10.842.076	21,00	100
7	10.842.077	24,50	50
8	10.842.078	28,00	50
9	10.842.079	31,50	50
10	10.842.080	35,00	50
11	10.842.081	38,50	50
12	10.842.082	42,00	50

further number of poles on request

#### General Information

Pitch	3,5 mm
No. of poles	2 - 12
Areas of application	Telecommunication technology, house telephones, intercoms

#### Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,14 - 1,5 mm <sup>2</sup> / 0,14 - 1,5 mm <sup>2</sup> / 30 - 16 AWG
Rated Cross Section	1 mm <sup>2</sup>
Wire Stripping Length	6,5 mm
Overvoltage Category	II
Pollution Severity Level	2
Rated Voltage	320 V
Rated Impulse Voltage	2,5 kV
Rated Insulation Voltage	130 V acc. to EN 60998-1
Rated Current	3 A for one side PCB contact 6 A for two side PCB contact
Torque	0,2 Nm
PCB thickness	1,4 - 1,8 mm

#### Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Contact elements	Copper alloy, tin plated
Screw	M2, copper alloy, tin plated

#### Approvals

	Current	Voltage	Group	AWG	Nm
	7	150	B	30 - 16	0,23

#### Options / Accessories

- Consecutive numbering
- Special marking accord. drawing
- Self-adhesive marking strip BST-3,50
- Coding keys 110-AP, Part-No.: 10.496.028
- Factory-assembled coding keys on request