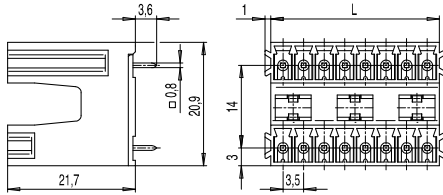


# Pin strip 110-P-221

Two-tier version, plug-in direction vertical to PCB, with false insertion prevention



Pin strips of series 110 offer remarkable connection data (1,5 mm<sup>2</sup> / 160 V-III-3 / 8 A) for their small dimensions. The compact housings of these two-tier versions with a pitch of 3,5 mm are available with 4 to 48 poles. The plug direction of the 110-P-221 is vertical to the PC board. The pin strips feature slots to accommodate the coding elements 120-K. Laterally attached dovetail expansions reliably prevent false insertion.

## Part Numbers

No. of poles	110-P-221	Length	Pcs
4	20.841.602	7,00	100
6	20.841.603	10,50	100
8	20.841.604	14,00	50
10	20.841.605	17,50	50
12	20.841.606	21,00	50
14	20.841.607	24,50	50
16	20.841.608	28,00	25
18	20.841.609	31,50	25
20	20.841.610	35,00	25
22	20.841.611	38,50	25
24	20.841.612	42,00	25
26	20.841.613	45,50	25
28	20.841.614	49,00	25
30	20.841.615	52,50	25
32	20.841.616	56,00	25
34	20.841.617	59,50	25
36	20.841.618	63,00	25
38	20.841.619	66,50	25
40	20.841.620	70,00	25
42	20.841.621	73,50	25
44	20.841.622	77,00	10
46	20.841.623	80,50	10
48	20.841.624	84,00	10

## General Information

Pitch	3,5 mm
No. of poles	4 - 48
Usable with	all plug connectors of series 110
Additional Information	For versions with connecting flanges see 110-P-225

## Technical Data

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	8 A		
Hole in PCB	ø 1,3 mm		

## Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Solder pin	0,8 x 0,8 mm; tin plated brass

## Approvals

	Current	Voltage	Group	AWG	Nm
	8	300	B, D		
	8	300	B		

## Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-3,50
- Pitch of 7 mm for larger clearance and creepage distances
- Coding elements 120-K
- With flat side walls