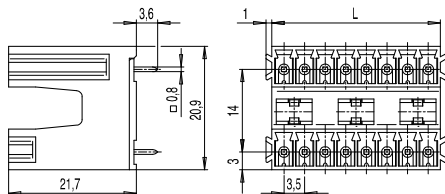


PCB Plug Connector System Series 110

110-P-221

Double row header



The PCB plug connectors of the series of 110 offer remarkable connection data (1.5 mm² / 160 V-III-3/8 A) for their small dimensions.

In combination with the appropriate plug connector, they guarantee reliable wire connection for all kinds of wires.

The compact housings of these tier versions in 3.5 mm centre - to - centre spacing are available with 4 to 48 poles (with effectively double the pole density).

The plug direction of the 110-P-221 is perpendicular to the printed circuit board.

The pin strips possess slots for the admission of the coding elements 120-K.

Laterally attached dovetail expansions prevent reliably incorrect plugging.

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

Centre to centre spacing	3,5 mm
No. of poles	4 - 48
Usable with	all plugs of series 110
Accessories	Self-adhesive marking strip BST-3.5; coding element 120-K
Additional Information	Versions with connecting flanges see also 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 accord. drawing
- Self-adhesive marking strip
- Center-to-center spacing 7 mm for larger clearance and creepage distances
- Coding elements 120-K
- With smooth side wall