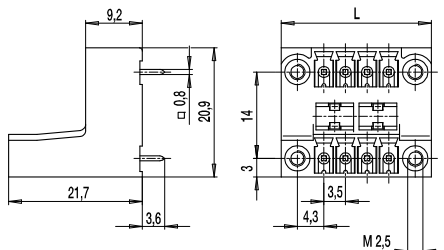
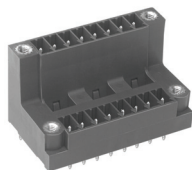


## PCB Plug Connector System Series 110 110-S-225

Double row header with connecting flanges



The PCB plug connectors of the series of 110 offer remarkable connection data (1.5 mm<sup>2</sup> / 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 44 poles (with effectively double the pole density).

The plug direction of the 110-S-225 is perpendicular to the printed circuit board.

This version has connecting flanges on both sides of the connector with screw locking thread inserts to extend the range of applications additionally.

To prevent the plug connectors from unintended release, the pin strips can be fixed vibration-proof with corresponding plug connectors in connecting flange execution. The pin strips possess slots for the admission of the coding elements 120-K.

### Part Numbers

No. of poles	110-S-225	Length	Pcs
4	20.841.452	17,30	100
6	20.841.453	20,80	10
8	20.841.454	24,30	50
10	20.841.455	27,80	50
12	20.841.456	31,30	50
14	20.841.457	34,80	50
16	20.841.458	38,30	25
18	20.841.459	41,80	25
20	20.841.460	45,30	25
22	20.841.461	48,80	25
24	20.841.462	52,30	25
26	20.841.463	55,80	25
28	20.841.464	59,30	25
30	20.841.465	62,80	25
32	20.841.466	66,30	25
34	20.841.467	69,80	25
36	20.841.468	73,30	25
38	20.841.469	76,80	25
40	20.841.470	80,30	25
42	20.841.471	83,80	25
44	20.841.472	87,30	10

### General Information

Centre to centre spacing	3,5 mm
No. of poles	4 - 44
Usable with	all plugs of series 110 with connecting flanges
Accessories	Self-adhesive marking strip BST-3,5; coding element 120-K

### 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