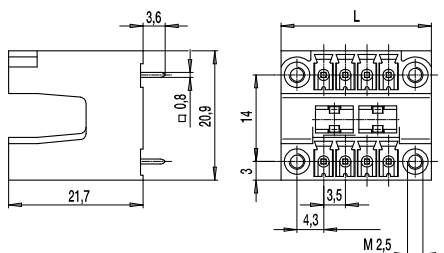
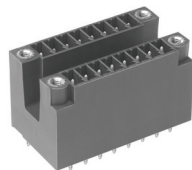


PCB Plug Connector System Series 110 110-P-225

Double row header with connecting flanges



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 44 poles (with effectively double the pole density).

The plug direction of the 110-P-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-P-225 | Length | Pcs |
|--------------|------------|--------|-----|
| 4 | 20.841.652 | 17,30 | 100 |
| 6 | 20.841.653 | 20,80 | 100 |
| 8 | 20.841.654 | 24,30 | 50 |
| 10 | 20.841.655 | 27,80 | 50 |
| 12 | 20.841.656 | 31,30 | 50 |
| 14 | 20.841.657 | 34,80 | 50 |
| 16 | 20.841.658 | 38,30 | 25 |
| 18 | 20.841.659 | 41,80 | 25 |
| 20 | 20.841.660 | 45,30 | 25 |
| 22 | 20.841.661 | 48,80 | 25 |
| 24 | 20.841.662 | 52,30 | 25 |
| 26 | 20.841.663 | 55,80 | 25 |
| 28 | 20.841.664 | 59,30 | 25 |
| 30 | 20.841.665 | 62,80 | 25 |
| 32 | 20.841.666 | 66,30 | 25 |
| 34 | 20.841.667 | 69,80 | 25 |
| 36 | 20.841.668 | 73,30 | 25 |
| 38 | 20.841.669 | 76,80 | 25 |
| 40 | 20.841.670 | 80,30 | 25 |
| 42 | 20.841.671 | 83,80 | 25 |
| 44 | 20.841.672 | 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