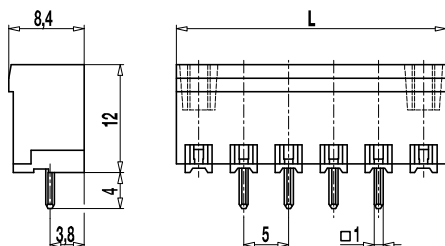
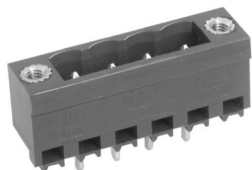


## Pin strip 120-M-225

Plug-in direction vertical to PCB, with connecting flanges



The pin strip 120-M-225, with connecting flanges and a pitch of 5 mm, is available in 2- to 22-pole design and can be mounted side-by-side.

Thread insert in the connecting flanges allow to screw the pin strips together with the plug connectors 120-A-115, 120-D-115 and 120-D-125. In addition, these connecting flanges can also be used to mount the pin strip to a housing panel. The plug direction for mating pin strips is vertical to the PCB.

For each pole, the pin strip has one trapezoidal coding slot in which the coding elements 120-K can be inserted.

### Part Numbers

| No. of poles | 120-M-225  | Length | Pcs |
|--------------|------------|--------|-----|
| 2            | 20.806.202 | 20,00  | 100 |
| 3            | 20.806.203 | 25,00  | 100 |
| 4            | 20.806.204 | 30,00  | 100 |
| 5            | 20.806.205 | 35,00  | 50  |
| 6            | 20.806.206 | 40,00  | 50  |
| 7            | 20.806.207 | 45,00  | 50  |
| 8            | 20.806.208 | 50,00  | 50  |
| 9            | 20.806.209 | 55,00  | 50  |
| 10           | 20.806.210 | 60,00  | 50  |
| 11           | 20.806.211 | 65,00  | 50  |
| 12           | 20.806.212 | 70,00  | 50  |
| 13           | 20.806.213 | 75,00  | 50  |
| 14           | 20.806.214 | 80,00  | 50  |
| 15           | 20.806.215 | 85,00  | 50  |
| 16           | 20.806.216 | 90,00  | 50  |
| 17           | 20.806.217 | 95,00  | 50  |
| 18           | 20.806.218 | 100,00 | 50  |
| 19           | 20.806.219 | 105,00 | 50  |
| 20           | 20.806.220 | 110,00 | 50  |
| 21           | 20.806.221 | 115,00 | 50  |
| 22           | 20.806.222 | 120,00 | 50  |

### General Information

|                        |  |
|------------------------|--|
| Pitch                  | 5 mm   |
| No. of poles           | 2 - 22   |
| Usable with            | all plug connectors of series 120  |
| Additional Information | In addition, the pin strip can be mounted to the PCB by means of self-tapping screws K 15x8. |

### Technical Data

|                          |                          |       |       |
|--------------------------|--------------------------|-------|-------|
| Overvoltage Category     | III                      | III   | II    |
| Pollution Severity Level | 3                        | 2     | 2     |
| Rated Voltage            | 250 V                    | 320 V | 630 V |
| Rated Impulse Voltage    | 4 kV                     | 4 kV  | 4 kV  |
| Rated Insulation Voltage | 250 V acc. to EN 60998-1 |       |       |
| Rated Current            | 12 A                     |       |       |
| Hole in PCB              | ø 1,4 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                 | 1,0 x 1,0 mm; tin plated brass |

### Approvals

|  | Current | Voltage | Group | AWG | Nm |
|--|---------|---------|-------|-----|----|
|  | 15      | 300     | B     |     |    |
|  | 10      | 300     | D     |     |    |
|  | 15      | 300     | B     |     |    |
|  | 10      | 300     | D, E  |     |    |
|  |         |         |       |     |    |

### Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 10 mm for larger clearance and creepage distances
- Other P.C. pin lengths on request
- Coding elements 120-K
- Connectors equipped with coding elements on request