

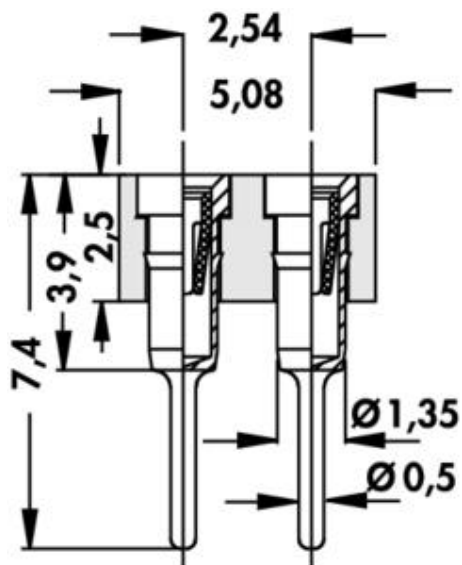
High-precision female headers soldering technique / **MK 201**



for  $\varnothing 0.5$  mm

**Parameters of article MK 201**

|                       |                          |
|-----------------------|--------------------------|
| version               | for multi-layer          |
| no. of contacts       | 2 - 100                  |
| surface               | gold-plated / tin-plated |
| angle                 | straight                 |
| number of rows        | 2                        |
| connection type       | soldering                |
| grid                  | 2.54                     |
| plug-in cross-section | $\varnothing 0.5$        |



# Technical data PCB connectors

|  | <b>MK</b>  |
|--|--|
| <b>Contact material: shell</b>                 | CuZn-alloy   |
| <b>Contact surface of the shell: gold/tin</b>  | Ni + 0,2 µm Au<br>Ni + 5 µm Sn                     |
| <b>Contact spring: material/surface</b>        | CuBe-alloy / Ni + 0,75 µm Au                       |
| <b>Transition resistance:</b>                  | ≤ 10 mOhm  |
| <b>Shock resistance:</b>                       | 50 g   |
| <b>Vibration resistance max.:</b>              | 15 g   |
| <b>Capacity between two adjacent contacts:</b> | ≤ 0,4 pF   |
| <b>Current rating:</b>                         | 1,5 A  |
| <b>Nominal voltage:</b>                        | 60 V DC  |
| <b>Test voltage:</b>                           | 1000 V   |
| <b>Insulator: material</b>                     | PA 4.6, GF   |
| <b>Temperature range:</b>                      | -40 °C ... +163 °C (+260 °C 1 min)                 |
| <b>Flammability class:</b>                     | UL 94 V-0  |
| <b>Insulation resistance:</b>                  | > 10 <sup>12</sup> Ohm                             |
| <b>Plugability for pins:</b>                   | 0,22 x 0,25 mm to 0,40 x 0,55 mm, Ø 0,4... 0,56 mm |
| <b>Insertion depth for pins:</b>               | 2,5 ... 3,6 mm                                     |
| <b>Insertion/Extraction, type:</b>             | 4-clip cont.,<br>1,8 N/1,4 N                       |