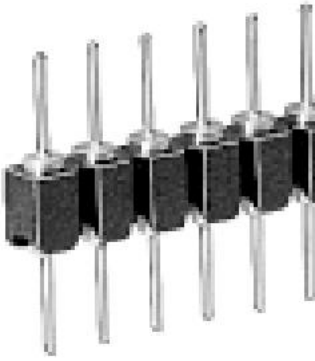


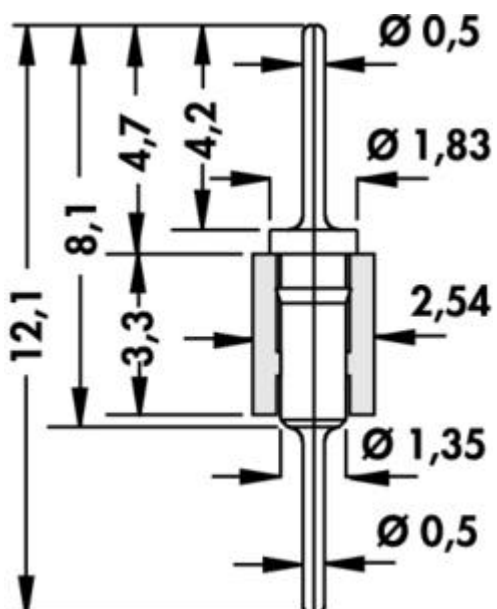
High-precision male headers soldering technique / MK 05



Solder and plug pins, \varnothing 0.5 mm

Parameters of article MK 05

| | |
|--------------------|--|
| version | solder and plug pins, \varnothing 0.5 mm |
| no. of contacts | 1 - 50 |
| surface | gold-plated / tin-plated |
| angle | straight |
| number of rows | 1 |
| grid | 2.54 |
| soldering | yes |
| male cross-section | \varnothing 0.5 |
| Reflow solderable | yes |



Technical data PCB connectors

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

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